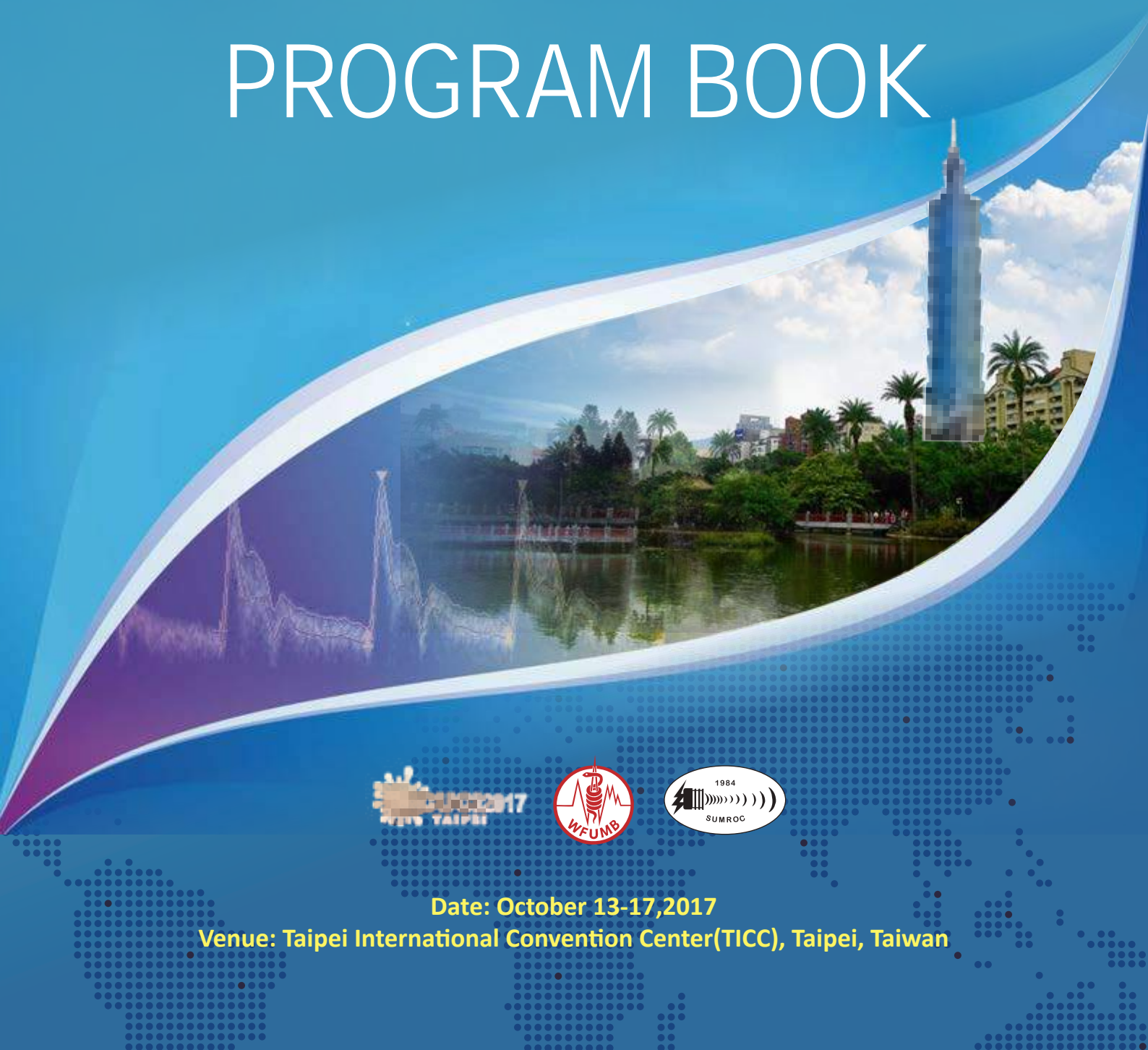




WFUMB 2017 TAIPEI

The 16th World Federation for Ultrasound in Medicine and Biology Congress

PROGRAM BOOK



Date: October 13-17, 2017

Venue: Taipei International Convention Center (TICC), Taipei, Taiwan

HITACHI
Inspire the Next

Introducing Two New-faces of The Premium Ultrasound

LISENDO 880

Redefining the Vision of Cardiovascular Ultrasound

Remarkable fundamental image quality. Accurately capture the heartbeat. Enable precise visualization of the blood flow. Expedient display of 3D Images. The goal being to achieve more reliability for diagnosis and treatment of cardiac disease. Innovative evaluation with all essential functions is now available.

ARIETTA 850

Sense and Visualize Ultrasound

Greater examination precision, greater comfort, and a wider range of applications are now possible with ultrasound imaging. "Image quality," "workflow," and "applications" are three key functional areas where we have made a determined effort to refine fundamental performance, with the goal of creating the ultimate ultrasound platform.

CONTENTS

WELCOME MESSAGES	2
WFUMB ADMINISTRATIVE COUNCIL	3
ORGANIZING COMMITTEE OF THE WFUMB 2017 TAIPEI	4
FACULTIES	6
ACKNOWLEDGEMENTS	23
GENERAL INFORMATION	
Congress Information	25
Floor Plan	27
Registration	31
Exhibition	33
Social Program	34
Congress Tour	35
Instruction for Moderator and Invited Speakers	39
Instruction for Oral & Poster Presenters	40
Information on Taiwan	42
Information on Taipei	44
SCIENTIFIC PROGRAMS	
Program At a Glance	47
Daily Program	
Friday, October 13, 2017	49
Saturday, October 14, 2017	61
Sunday, October 15, 2017	81
Monday, October 16, 2017	107
Tuesday, October 17, 2017	127
POSTER SESSION	137

WELCOME MESSAGES

Dear colleagues and friends,

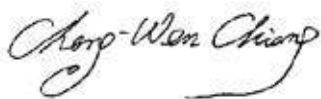
It is a great honor to extend our personal greeting to each and every one of you who are attending the 16th WFUMB Congress in conjunction with ACUCI 2017 as well as Global Chinese Ultrasound Forum in the wonderful city of Taipei. Our Organizing Committee provides an outstanding scientific program, as well as exciting social events for all attendees and their family members.

This year's congress will bring together with experts and practitioners to exchange the knowledge of new scientific advances and share ideas in new developments of the medical ultrasound. Through our comprehensive scientific programs by more than 500 invited lectures, 7 Workshop/Symposium in Pre-congress, oral sessions for Best Oral Presentation & Young Investigator Award and poster sessions, we believe the programs will enable you to broaden the views among thousands of physicians, scientists, and allied professionals. The 16th WFUMB Congress also provides an ideal and cordial setting for basic and clinical researchers to share experiences and exchanging views, discussing the advancements and breakthroughs in the field of medical ultrasound.

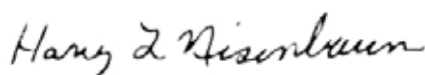
Taiwan is known for its wide array of mountains, forests, natural settings, and cultural essence, all of which comprise its magnificent beauty. Taipei as its capital is a very dynamic, modern, and multicultural city. At the 16th WFUMB Congress, take this wonderful opportunity to experience the unique hospitality, culture, and cuisine.

It is our great honor to have your attendance, wish you an enjoyable stay in Taipei, and hope you bring home the most beautiful memories.

Sincerely yours,

A handwritten signature in black ink, reading "Cheng-Wen Chiang".

Cheng-Wen Chiang, MD., FAPSC, FACC,
*Co-President, WFUMB 2017 TAIPEI Chairman,
Organizing Committee, WFUMB 2017 TAIPEI*

A handwritten signature in black ink, reading "Harvey Nisenbaum".

Harvey Nisenbaum, MD., FACR, FAIUM, FSRU
*Co-President, WFUMB 2017 TAIPEI
President, WFUMB*

WFUMB ADMINISTRATIVE COUNCIL

Executive Bureau:

President	Harvey Nisenbaum, MD (USA - AIUM)
President-Elect	Christian Nolsøe, MD (Denmark - EFSUMB)
Vice President 1	Dieter Nürnberg, MD (Germany - EFSUMB)
Vice President 2	Adrian Goudie, MD (Australia - ASUM)
Secretary	Seung Hyup Kim, MD (Korea - AFSUMB)
Treasurer	Jacques Abramowicz, MD (USA - AIUM)
Immediate Past President	Hassen Gharbi, MD (Tunisia - MASU)

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Michael Blaivas, MD (USA - AIUM)
M. Cristina Chammas, MD (Brazil - FLAUS)
Yi-Hong Chou, MD (Taiwan - AFSUMB)
Christoph Dietrich, MD (Germany - EFSUMB)
Sudhir Vinayak, MD (Kenya - MASU)
Susan C. Westerway, PhD (Australia - ASUM)

Co-Opted Councilors:

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Leandro Fernandez, MD (Venezuela - FLAUS)
Harald Lutz, MD (Germany - EFSUMB)

Ultrasound in Medicine and Biology Journal Editor:

Christy Holland, PhD (USA - AIUM)



ORGANIZING COMMITTEE OF THE WFUMB 2017 TAIPEI

Chairman:

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Vice - Chairman

Ming-Ren Chen

Shin-Cheh Chen

Secretary General:

Ching-Chang Hsieh

Vice-Secretary General:

Shuenn-Dyh Chang

Mein-Kai Gueng

Chih-Jen Chen

Jin-Chung Shih

Chair of Scientific Committee:

Pei-Ming Yang

Chair of Exhibition management and Fund Raising Committee:

Yung-Liang Wan

Chair of Financing Committee:

I-Shyan Sheen

Chair of Publication Committee:

San-Kan Lee

Chair of Hospitality Committee:

Chui-Mei Tiu

Chair of International Liaison Committee:

Yi-Hong Chou

Chair of Social Program:

Lim-Woh Koh

Consultants:

Jacques Abramowicz (USA)	Hassen Gharbi (Tunisia)	Roberto Moncayo (Ecuador)
Ramon Bataglia (Paraguay)	Barry Goldberg (USA)	Harvey Nisenbaum (USA)
Beryl Benacerraf (USA)	Adrian Goudie (Australia)	Christian Pallson Nolsoe (Denmark)
Ronald Benzie (Australia)	Norbert Gritzmann (Austria)	Dieter Numberg (Germany)
Giovanni Cerri (Brazil)	Fon-Jou Hsieh (Taiwan)	Fabio Piscaglia (Italy)
Pao-Huei Chen (Taiwan)	Min-Ho Huang (Taiwan)	Fergus Scott (Australia)
Benjamin N. Chiang (Taiwan)	Por-Tying Hung (Taiwan)	K Kirk Shung (USA)
Byung Ihn Choi (Korea)	Yeo-Shin Hwang (Taiwan)	Shih-Ming Wang (Taiwan)
Michel Claudon (France)	Michael Kawooya (Uganda)	Toshio Wagai (Japan)
Joshua Copel (USA)	Seung Hyup Kim (Korea)	Hiroki Watanabe (Japan)
David Evans (United Kingdom)	Masatoshi Kudo (Japan)	Mavin Ziskin (USA)
Leandro Fernandez (Venezuela)	Maw-Sheng Lee (Taiwan)	
Mohamed Ei Fortia (Libya)	Yuan-Teh Lee (Taiwan)	
J. Brian Fowlkes (USA)	Hung-Chi Lue (Taiwan)	
Morimichi Fukuda (Japan)	Harald Lutz (Germany)	

Members of Organizing Committee:

King-Jen Chang	Tsang-Tang Hsieh	Liang-Yen Wang
Chi-Sin Chang-Chein	Tsui-Lieh Hsu	Nai-Yuan Wang
Han-Hsiang Chen	Cherng-Jye Jeng	Mei-Hwan Wu
Ming-Fong Chen	Kuo-Shyang Jeng	Kuo-Ching Yang
Shinn-Cherng Chen	Hung-Chang Lee	Pan-Chyr Yang
Shyr-Chyr Chen	Chiau-Suong Liao	Sien-Sing Yang
Ying-Tsung Chen	Fen-Chiung Lin	Wei-Hsian Yin
Po-Jen Cheng	Liang-Ming Lo	
Wen-Jin Cherng	Ching-Tsuen Shen	
Rong-Nan Chien	Ming-Song Tsai	
Cheng-Keng Chuang	Wei-Chuan Tsai	
Morgan Fu	Chung-Li Wang	
Kai-Sheng Hsieh	Horng-Yuan Wang	

FACULTIES

The faculty listed below are invited and confirmed as of September 29, 2017. Every effort has been made to list faculty information correctly. Please accept the apology for any errors or omissions. A program addendum with late changes and updates will be available on the congress website.

FACULTIES (IN ALPHABETICAL ORDER OF LAST NAME)



Jacques Abramowicz
United States



Anil Ahuja
Hong Kong



Bhupendra Ahuja
India



Iwaki Akiyama
Japan



Fanny Aliwarga
Indonesia



Mukhtar Alam Ansari
Nepal



Anwar Arshad
Malaysia



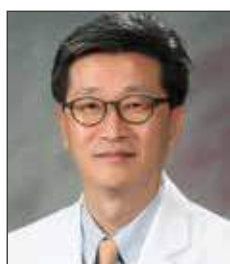
Mike Averkiou
United States



Luigi P Badano
Italy



Jung Hwan Baek
South Korea



Soon Koo Baik
South Korea



Kanu Bala
Bangladesh



Lingyun Bao
Chinese Mainland



TP Baskaran
Malaysia



Ramon Bataglia
Paraguay



Wilaiporn Bhothisuwan
Thailand



Sheng Bi
Chinese Mainland



Stephen Bird
Australia



Michael Blaivas
United States



Rafael Blanco
UAE



Peter N. Burns
Canada



Vito Cantisani
Italy



Qi-Ling Cao
Qatar



Walailak Chaiyasoot
Thailand



Maria Cristina Chammas
Brazil



Lung Chan
Taiwan



Symphorosa Chan
Hong Kong



Cai Chang
Chinese Mainland



Chi-Ching Chang
Taiwan



Ching-Wei Chang
Taiwan



Chwen-Tzuei Chang
Taiwan



Ruey-Feng Chang
Taiwan



Shuenn-Dyh Chang
Taiwan



Tien-Chun Chang
Taiwan



Tung-Yao Chang
Taiwan



Wei-Tien Chang
Taiwan



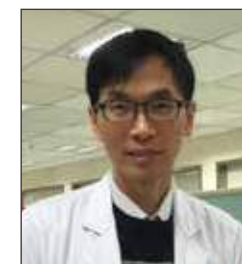
Yao-Lung Chang
Taiwan



A-Ching Chao
Taiwan



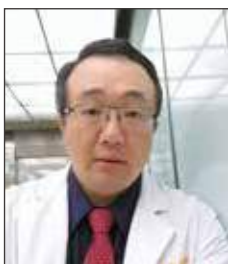
An-Shine Chao
Taiwan



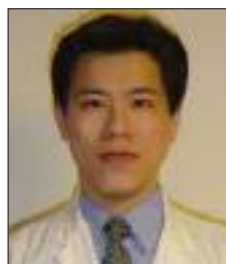
Hsun-Chin Chao
Taiwan



Nitin Chaubal
India



Carl Chen
Taiwan



Chen-Yu Chen
Taiwan



Chien-Hsing Chen
Taiwan



Chien-Hua Chen
Taiwan



Chih-Jen Chen
Taiwan



Chih-Ping Chen
Taiwan



Ching-Ming Chen
Taiwan



Chin-Yu Chen
Taiwan



Chiung-Nien Chen
Taiwan



Chun-Nan Chen
Taiwan



Der-Yuan Chen
Taiwan



Hsin-Hua Chen
Taiwan



Kuan-Yang Chen
Taiwan



Kuo-Chih Chen
Taiwan



Ming Chen
Taiwan



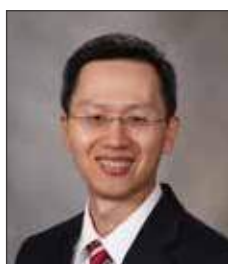
Ming-Jen Chen
Taiwan



Ming-Ren Chen
Taiwan



Minhua Chen
Chinese Mainland



Shigao Chen
United States



Shin-Cheh Chen
Taiwan



Shinn-Cherng Chen
Taiwan



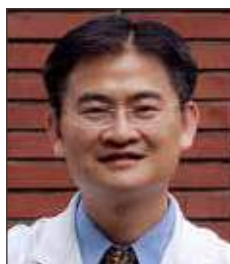
Tao Chen
Chinese Mainland



Wen-Shiang Chen
Taiwan



Ying-Chou Chen
Taiwan



Yu Chen
Taiwan



Leilei Cheng
Chinese Mainland



Po-Jen Cheng
Taiwan



Rachel Cheung
Hong Kong



Yiu-Fai Cheung
Hong Kong



Yun-Chung Cheung
Taiwan



Nai-Fang Chi
Taiwan



Cheng-Wen Chiang
Taiwan



Huihua Chiang
Taiwan



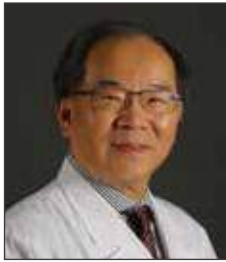
Yang-Jen Chiang
Taiwan



Yi-Pin Chiang
Taiwan



Chih-Hui Chin
Taiwan



Hong-Jen Chiou
Taiwan



Yi-You Chiou
Taiwan



Jeong Yeon Cho
South Korea



Byung Ihn Choi
South Korea



Chen-Pin Chou
Taiwan



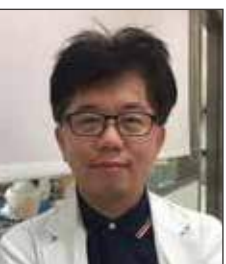
Min-Min Chou
Taiwan



Ting-Ywan Chou
Taiwan



Yi-Hong Chou
Taiwan



Ho-Yen Chueh
Taiwan



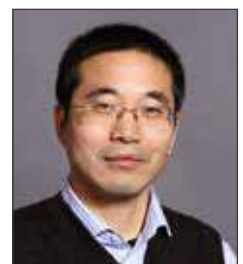
Michel Claudon
France



Dirk Clevert
Germany



George Condous
Australia



Li-Gang Cui
Chinese Mainland



Eunice YL Dai
Hong Kong



Yan Deng
Chinese Mainland



Greggory DeVore
United States



Christoph F. Dietrich
Germany



Masayuki Endo
Japan



Luis Fernando Chavarria Estrada
Costa Rica



Xiang Fei
Chinese Mainland



Rodney Lopez Fernan
Philippines



Leandro Fernández
Venezuela



Giovanna Ferraioli
Italy



Morgan Fu
Taiwan



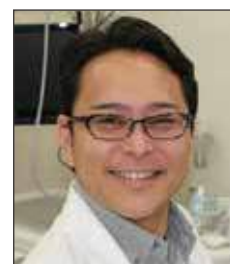
Wei-Jen Fu
Taiwan



Yun-Ching Fu
Taiwan



Kenichi Fujii
Japan



Takahiro Fukuhara
Japan



Pat F. Fulgham
United States



Hassen A. Gharbi
Tunisia



Odd Helge Gilja
Norway



Sudheer Gokhale
India



Adrian Goudie
Australia



Walter Grassi
Italy



Mein-Kai Gueng
Taiwan



Zhen-Ni Guo
Chinese Mainland



Young-Rock Ha
South Korea



Gail ter Haar
United Kingdom



Ulrike Hamper
United States



Ke Han
Chinese Mainland



Kwang Hyub Han
South Korea



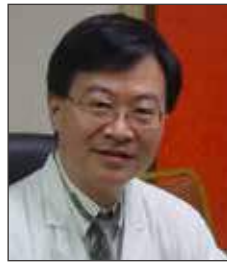
Musarrat Hasan
Pakistan



Yihua He
Chinese Mainland



Chao-Chi Ho
Taiwan



Che-Sheng Ho
Taiwan



Christy K. Holland
United States



Ming-Feng Hou
Taiwan



Ching-Hua Hsiao
Taiwan



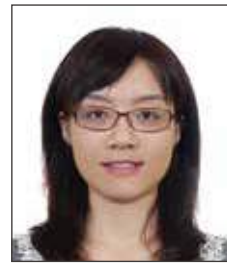
Ming-Yen Hsiao
Taiwan



Ching-Chang Hsieh
Taiwan



Kai-Sheng Hsieh
Taiwan



Shiao-Fu Hsieh
Taiwan



T'sang T'ang Hsieh
Taiwan



Chih-Chin Hsu
Taiwan



Hsian-He Hsu
Taiwan



Hung-Yi Hsu
Taiwan



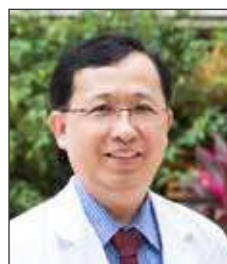
Jenn-Jeih Hsu
Taiwan



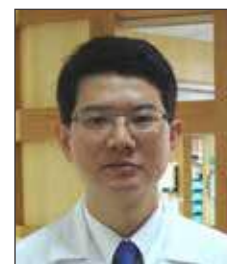
Wu-Huei Hsu
Taiwan



Han-Hwa Hu
Taiwan



Tsung-Hui Hu
Taiwan



Chien-Hua Huang
Taiwan



Chih-Chung Huang
Taiwan



Chiun-Sheng Huang
Taiwan



Guo-Ying Huang
Chinese Mainland



Hsun-Li Huang
Taiwan



Kai-Wen Huang
Taiwan



Kuan-Chih Huang
Taiwan



Shih-Horng Huang
Taiwan



Shih-Ming Huang
Taiwan



Wen-Chen Huang
Taiwan



Jee-Fu Huang
Taiwan



Chung-Lieh Hung
Taiwan



Ming-Jui Hung
Taiwan



Tai-Ho Hung
Taiwan



Betau Hwang
Taiwan



Kullervo Hynynen
Canada



Claude Inserra
France



Toshikazu Ito
Japan



Takehiro Izumo
Japan



Sheng-Ling Jan
Taiwan



Cherng-Jye Jeng
Taiwan



Liqun Jia
Chinese Mainland



Yuxin Jiang
Chinese Mainland



Xiang Jing
Chinese Mainland



I-Ming Jou
Taiwan



Ravi Krishna Kalathur
India



Keitaro Kamei
Japan



Naohisa Kamiyama
Japan



Chunsong Kang
Chinese Mainland



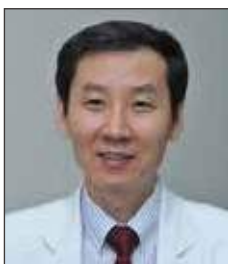
Manoj Kumar Karmakar
Hong Kong



Motoyoshi Kawataki
Japan



Michael Kawooya
Uganda



Gwang-Jun Kim
South Korea



Ki-Sung Kim
Japan



Min Jung Kim
South Korea



Seung Hyup Kim
South Korea



Sung Hun Kim
South Korea



Masayuki Kitano
Japan



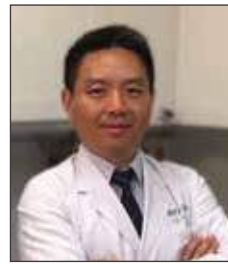
Narihito Kodama
Japan



Masatoshi Koga
Japan



Masatoshi Kudo
Japan



Chih-Hsi Kuo
Taiwan



Noriaki Kurimoto
Japan



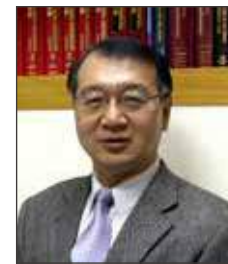
Ka-li KWOK
Hong Kong



Kuo-Lung Lai
Taiwan



Yi-Chen Lai
Taiwan



Haw-Chang Lan
Taiwan



Byungjoo Lee
South Korea



Alex Lee
Hong Kong



Chien-Te Lee
Taiwan



Chii-Ming Lee
Taiwan



Francis Lee
Singapore



Hsiang-Ying Lee
Taiwan



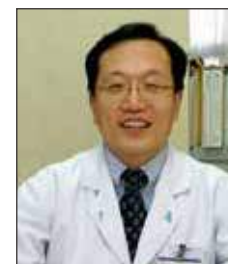
Jae Young Lee
South Korea



Jung-Chieh Lee
Chinese Mainland



Ka Wing Gavin Lee
Hong Kong



Keun-Young Lee
South Korea



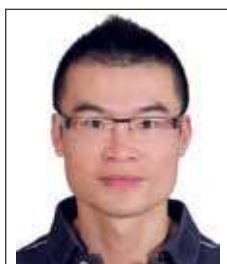
San-Kan Lee
Taiwan



Ting Lee
Chinese Mainland



Tsong-Hai Lee
Taiwan



Tsung-Lun Lee
Taiwan



Won Jae Lee
South Korea



Yong Seok Lee
South Korea



Yung-Tsai Lee
Taiwan



Kwok Yin Leung
Hong Kong



Tak Yeung Leung
Hong Kong



An-Hua Li
Chinese Mainland



Jianchu Li
Chinese Mainland



Jie Li
Chinese Mainland



Ko-Jen Li
Taiwan



Pai-Chi Li
Taiwan



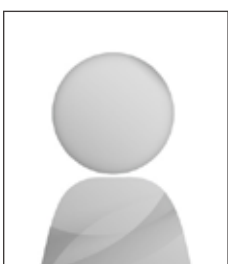
Ching-Chung Liang
Taiwan



Hsin-Yueh Liang
Taiwan



Ja-Der Liang
Taiwan



Ping Liang
Chinese Mainland



Ren-Jow Liang
Taiwan



Ai-Ho Liao
Taiwan



Li-Jen Liao
Taiwan



Wei-Chih Liao
Taiwan



Chiau-Suong Liao
Taiwan



Daniel Lichtenstein
France



Wan-Ching Lien
Taiwan



Chor-Kuan Lim
Taiwan



Chia-Shiang Lin
Taiwan



Chih-Peng Lin
Taiwan



Fen-Chiung Lin
Taiwan



Hsiu-Fen Lin
Taiwan



Jing-Chi Lin
Taiwan



Jui-An Lin
Taiwan



Lung-Chun Lin
Taiwan



Shi-Ming Lin
Taiwan



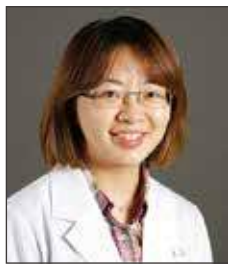
Shinn-Kuang Lin
Taiwan



Wan-Ni Lin
Taiwan



Wei-Wen Lin
Taiwan



Yung-Hui Lin
Taiwan



Yung-Yang Lin
Taiwan



Chang-Hsien Liu
Taiwan



Chia-Yuan Liu
Taiwan



Chi-Hung Liu
Taiwan



Hao-Li Liu
Taiwan



Xiaodi Liu
Chinese Mainland



Yen-Lin Liu
Taiwan



Yueh-Ping Liu
Taiwan



Liang-Ming Lo
Taiwan



Wu-Chia Lo
Taiwan



Torben Lorentzen
Denmark



Cheng-Hsun Lu
Taiwan



Chien-Jung Lu
Taiwan



Ke Lu
Chinese Mainland



Man Lu
Chinese Mainland



Sheng-Nan Lu
Taiwan



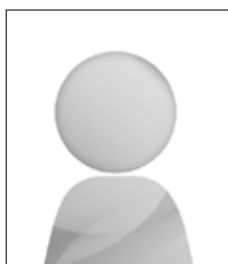
Hung-Chi Lue
Taiwan



Chander Lulla
India



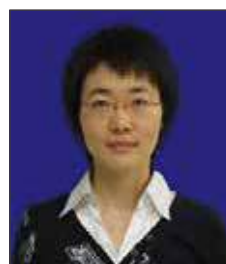
Shue-Fen Luo
Taiwan



Yan Luo
Chinese Mainland



Yu-Kun Luo
Chinese Mainland



Chunyan Ma
Chinese Mainland



Lyndal Macpherson
Australia



Banchong Mahaisavariya
Thailand



Daniel Makes
Indonesia



Jonathan Mamou
United States



Sunil V. Mankad
United States



Hitoshi Maruyama
Japan



Antonio Carlos Matteoni
Brazil



Kosuke Minaga
Japan



Hideaki Miyamoto
Japan



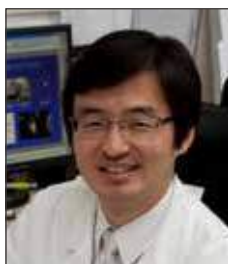
Lein-Ray Mo
Taiwan



Asif Momin
India



Mohammad Moniruzzaman
Bangladesh



Woo Kyung Moon
South Korea



Fuminori Moriyasu
Japan



Tatsuo Nakamoto
Japan



Kazutaka Nakashima
Japan



Jose C. Navarro
Philippines



Michael Bachmann Nielsen
Denmark



Harvey Nisenbaum
United States



Christian Pállson Nolsøe
Denmark



Masayoshi Jimmy Nomura
Japan



Dieter Nürnberg
Germany



Kiyoka Omoto
Japan



Chiou Li Ong
Singapore



Toshinari Onishi
Japan



Horng-Yih Ou
Taiwan



Huay-Ben Pan
Taiwan



Kun-Jing Pang
Chinese Mainland



Gi-Young Park
South Korea



Chavdar Pavlov
Russia



Cheng-Yuan Peng
Taiwan



Giia-Sheun Peng
Taiwan



Ritsuko K. Pooh
Japan



Liona Poon
Hong Kong



T.L.N. Praveen
India



Linxue Qian
Chinese Mainland



Disya Ratanakorn
Thailand



Hyunchul Rhim
South Korea



Adrian Săftoiu
Romania



Akiko Saito
Japan



Jorge Rabat Salgh
Venezuela



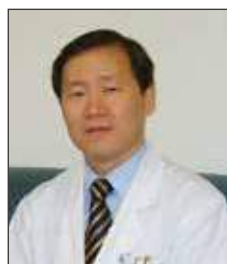
Joaquin Santolaya-Forgas
United States



Yusef Sayeed
United States



Dagmar Schreiber-Dietrich
Germany



Dong-Wan Seo
South Korea



Olivier Seror
France



Suresh Seshadri
India



Vijay K Sharma
Singapore



Richard Shau
Taiwan



Sheng-Wen Shaw
Taiwan



Ching-Tsuen Shen
Taiwan



Jin-Chung Shih
Taiwan



Tsuyoshi Shiina
Japan



Chin-Chung Shu
Taiwan



Harjanto Sidharta
Indonesia



Mark Sklansky
United States



Sonin Sodov
Mongolia



Haibo Song
Chinese Mainland



Kofo Soyebi
Nigeria



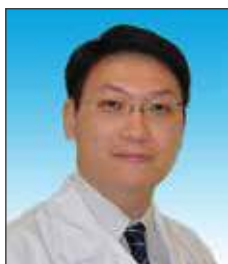
Ioan Sporea
Romania



P.K. Srivastava
India



Wei-Wen Su
Taiwan



Cheuk-Kay Sun
Taiwan



Jen-Tang Sun
Taiwan



Jingping Sun
Hong Kong



Meng-Shun Sun
Taiwan



Pi-Shan Sung
Taiwan



Shih-Hsien Sung
Taiwan



Panditi Surekha
India



Dar-In Tai
Taiwan



Etsuo Takada
Japan



Masaaki Takeuchi
Japan



Fumihito Terasaki
Japan



Eriko Tohno
Japan



Panruethai Trinavarat
Thailand



Shen-Kou Tsai
Taiwan



Wei-Chuan Tsai
Taiwan



Pao-Yu Tseng
Taiwan



Po-Hsiang Tsui
Taiwan



Hiroko Tsunoda
Japan



Juan Tu
Chinese Mainland



Shih-Te Tu
Taiwan



Hideaki Ueda
Japan



Osamu Ukimura
Japan



Chander V. Vanjani
India



Sudhir Vinayak
Kenya



Yung-Liang Wan
Taiwan



Cheng-Ping Wang
Taiwan



Chih-Yuan Wang
Taiwan



Chung-Li Wang
Taiwan



Chun-Li Wang
Taiwan



Fang-Yun Wang
Chinese Mainland



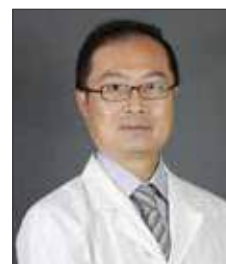
Hao-Chien Wang
Taiwan



Hongyan Wang
Chinese Mainland



Horng-Yuan Wang
Taiwan



Hsin-Kai Wang
Taiwan



Hsiu-Po Wang
Taiwan



Jaw-Lin Wang
Taiwan



Jing-Houng Wang
Taiwan



Jou-Kou Wang
Taiwan



Liang Wang
Chinese Mainland



Liang-Yen Wang
Taiwan



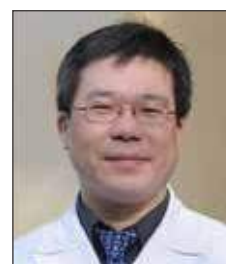
Peng-Hui Wang
Taiwan



Qing-Hui Wang
Chinese Mainland



Shen-Yung Wang
Taiwan



Shuo-Meng Wang
Taiwan



Tyng-Guey Wang
Taiwan



Wen-Ping Wang
Chinese Mainland



Yong Wang
Chinese Mainland



Yu-Hsin Wang
Taiwan



Tuangsit Wataganara
Thailand



Hiroki Watanabe
Japan



Susan Campbell Westerway
Australia



Mum-Ching Wong
Taiwan



Chueh-Hung Wu
Taiwan



Hsing-Ming Wu
Taiwan



Jiunn-Ren Wu
Taiwan



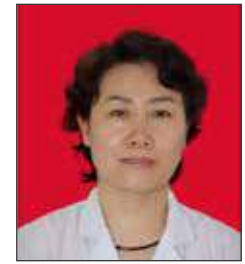
Mai-Szu Wu
Taiwan



Meng-Hsing Wu
Taiwan



Po-Ting Wu
Taiwan



Qing-Qing Wu
Chinese Mainland



Tung-Tai Wu
Taiwan



Xiaoyan Xie
Chinese Mainland



Ying-Qi Xin
Chinese Mainland



Yi Xiong
Chinese Mainland



Di Xu
Chinese Mainland



Hui-Xiong Xu
Chinese Mainland



Zhonghui Xu
Chinese Mainland



Hiroshi Yagata
Japan



Tadashi Yamaguchi
Japan



Makoto Yamakawa
Japan



Kun Yan
Chinese Mainland



Jenn-Ming Yang
Taiwan



Meng Yang
Chinese Mainland



Pei-Ming Yang
Taiwan



Sien-Sing Yang
Taiwan



Tsung-Lin Yang
Taiwan



Wenli Yang
Chinese Mainland



Hidemitsu Yasuda
Japan



Seiyo Yasui
Japan



Satoshi Yasukochi
Japan



Shibata Yasuyuki
Japan



Chih-Kuang Yeh
Taiwan



Guang-Perng Yeh
Taiwan



Kee-Min Yeow
Taiwan



Wen-Chung Yu
Taiwan



Jianjun Yuan
Chinese Mainland



Chun-Yan Yeung
Taiwan



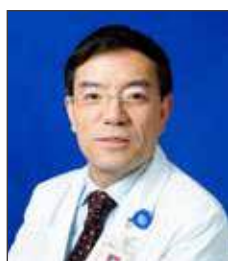
Wei-Wei Zhan
Chinese Mainland



Mei Zhang
Chinese Mainland



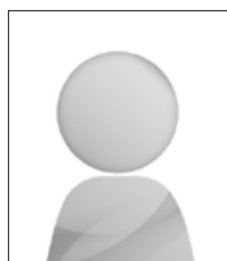
Zhuoli Zhang
Chinese Mainland



Bowen Zhao
Chinese Mainland



Hairong Zheng
Chinese Mainland



Ping Zhou
Chinese Mainland



Qing Zhou
Chinese Mainland



Qingli Zhu
Chinese Mainland

ACKNOWLEDGEMENTS

The Organizing Committee would like to extend its great gratitude to the following sponsors and organizations who generously contribute and support to the success of the 16th WFUMB Congress.

DIAMOND SPONSOR

HITACHI
Inspire the Next

Recognizing that healthcare is an essential part of the infrastructure that supports society in the 21st century, Hitachi intends to draw on its collective strengths to develop innovative technologies and supply the associated systems, solutions, and services to help create a society in which everyone can enjoy a healthy and secure way of life.

**TOSHIBA
MEDICAL**

Toshiba Medical, a Canon Group company, offers a full range of diagnostic medical imaging solutions.

In line with our Made for Life philosophy, we provide medical professionals with solutions that support their efforts in contributing to the health and wellbeing of patients worldwide to deliver an enriched quality of life.

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GE Healthcare provides transformational medical technologies and services that are shaping a new age of patient care. Our broad expertise in medical imaging and information technologies, medical diagnostics, patient monitoring systems, drug discovery, biopharmaceutical manufacturing technologies, performance improvement and performance solutions services help our customers to deliver better care to more people around the world.

PHILIPS

With our focus on delivering meaningful innovation, we serve both professional and consumer markets throughout the world in the areas of health systems and personal health. We are a leader in diagnostic imaging, image-guided therapy, patient monitoring and health informatics, as well as in consumer health and home care.

AmCad BioMed
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AmCad BioMed Corporation is on Commercial stage Medical Device company specializing in First-in-Class Diagnostic Ultrasound Imaging Devices.

AmCAD-UT: Reducing 50% unnecessary FNA and 30% excessive surgery and lifetime medication for patients with thyroid nodules.

iSONO Aid: An Intelligent Ultrasound Device Ergonomically Designed for Handy Echo Scan and Echo-guide Intervention.

BRONZE SPONSOR



Lantheus Medical Imagine (www.lantheus.com), a global leader in the development, manufacture and commercialization of innovative diagnostic image agents and products, is headquartered in North Billerica, Massachusetts with offices in Puerto Rico and Canada.

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Engineering success. Pioneering healthcare. Together.

At Siemens Healthineers, we want to make healthcare providers succeed in an ever-changing healthcare industry – by helping them deliver better outcomes at lower costs. This purpose drives our focus: to lead the transformation of healthcare together with the ones delivering it.

OTHER SPONSORS



SuperSonic Imagine develops and markets a revolutionary ultrasound system with an UltraFast™ platform, Aixplorer®.

In addition to providing exceptional image quality, this unique technology is the foundation of several innovations, which have changed the paradigm of ultrasound imaging: ShearWave™ Elastography (SWE™), UltraFast™ Doppler, Angio PL.U.S. – Planewave UltraSensitive™ imaging and more recently TriVu.



EpiSonica was formed with the mission to improve Women's Health through medical imaging and image-guided therapy products.

One of its products, the iABUS makes the computerized acquisition of the whole breast within 1-2 minutes per breast without the need of a trained sonographer. This enables consistent and mass scale screening of breast tumors in an effective and efficient way.



Samsung Healthcare : Combining leading technology to improve the quality of people's lives.

Samsung is committed to create a new future for medical professionals and patients with a mission to bring health and well-being to people's lives. Integrating its leading expertise in display, IT, mobile and electronics, our vision is to bring confident diagnosis, cost-effective solutions and improved workflow to customers.



BenQ is deeply invested in the areas of life that matter most – lifestyle, business, healthcare and education. We are committed to applying advances in technology to create products and services that improve the quality of people's lives. Whatever we do, we do it with the aim of bringing enjoyment and quality to life.



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The fourth and last technology in High Level Desinfection for ultrasound probes, transoesophageal probes and nasendoscopes. HLD in only 90 sec/180 sec.

Antigermix® allows you to : Multiply by 5 the number of examinations Or Divide by 5 the number of probes needed And Multiply by 3 your probes lifetime



CONGRESS INFORMATION

VENUES

Taipei International Convention Center (TICC)
No. 1, XinYi Rd., Sec. 5, Taipei, Taiwan
Tel: +886-2-2725-5200 Fax: +886-2-2723-2589

DATE

Friday, October, 13 – Tuesday, October, 17 2017

SECRETARIAT

Place

Room 203, 2F, Taipei International Convention Center (TICC)

Services Hours

08:00~17:00

Friday, October, 13 – Tuesday, October, 17 2017

PREVIEW ROOM

The Preview Room is the location for Invited Speakers and Oral Presentation Speakers to upload and review scientific session presentations. Staffs are available to provide assistance and answer question. Speakers are reminded to have presentation uploaded at least 30 minutes prior to the presentation time.

Place

Room 202, 2F, Taipei International Convention Center (TICC)

Services Hours

08:00~17:00

Friday, October, 13 – Tuesday, October, 17 2017

OFFICIAL LANGUAGE

The official language of The 16th WFUMB Congress is English.

INFORMATION / TOUR DESK

Information and Tour Desk will be in service at the registration area during the registration hours and provide the relevant information on the congress and Taipei.

LOST AND FOUND

The Lost and Found is located in the information at the registration area.

INTERNET ACCESS

Free WI-FI is available throughout the Congress period in congress venue, TICC.



REFRESHMENT

Complimentary beverages and snacks will be available on 1st and 2nd floor during scheduled breaks daily. Lunch will be provided upon the entry of the luncheon symposium and Exhibition Area (Room 101) with the present of congress badge.

SESSION CAPACITY

The 16th WFUMB Congress Program Committee and staff make every attempt to anticipate the sessions that may draw the largest crowds and place those sessions in the larger meeting rooms when possible. Some sessions may be crowded, in order to accommodate as many people as possible, please find seats towards the front and move to the center of the row so that chairs are available for additional attendees.

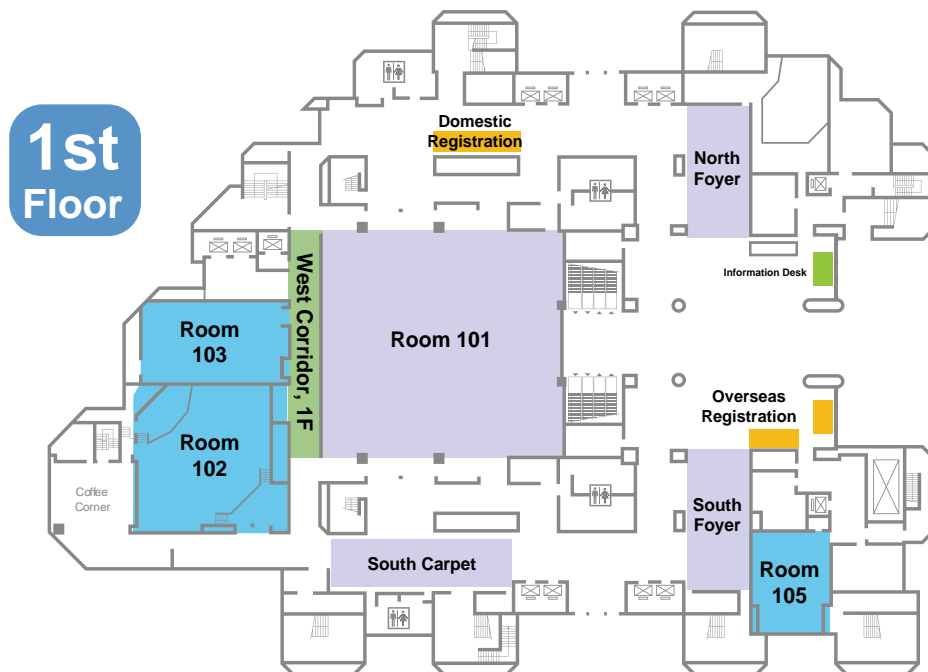
CERTIFICATE OF ATTENDANCE

A certificate of attendance provided for the registered participants.

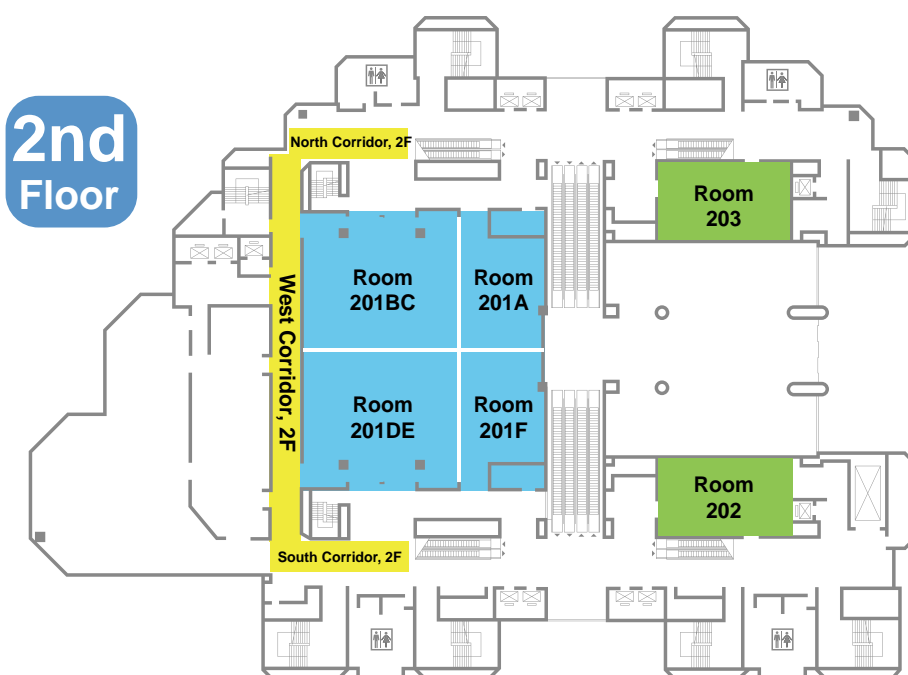
NO SMOKING POLICY

TICC is a NON-SMOKING premise; therefore, smoking is absolutely prohibited at all times in the meeting rooms, exhibition area, and restrooms. Smoking is permitted in designated area outside the TICC. Your compliance is appreciated.

FLOOR PLAN

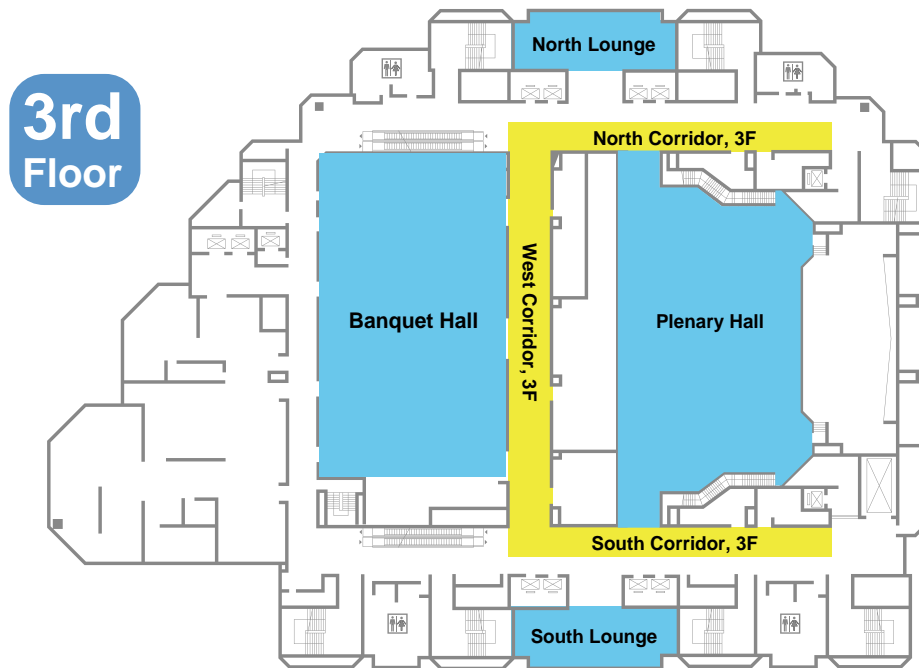


Session Rooms/Space		
Room	Date	Sessions/Function
Room 101	Oct. 13~17	Exhibition
North Foyer		
South Foyer		
South Carpet		
Room 102	Oct. 13~14	T2
	Oct. 15~17	T11
Room 103	Oct. 13~16	T5
	Oct. 16	T21
Room 105	Oct. 13~15	T10
	Oct. 16	T14
	Oct. 17	T2
West Corridor, 1F	Oct. 14~16	Poster Session

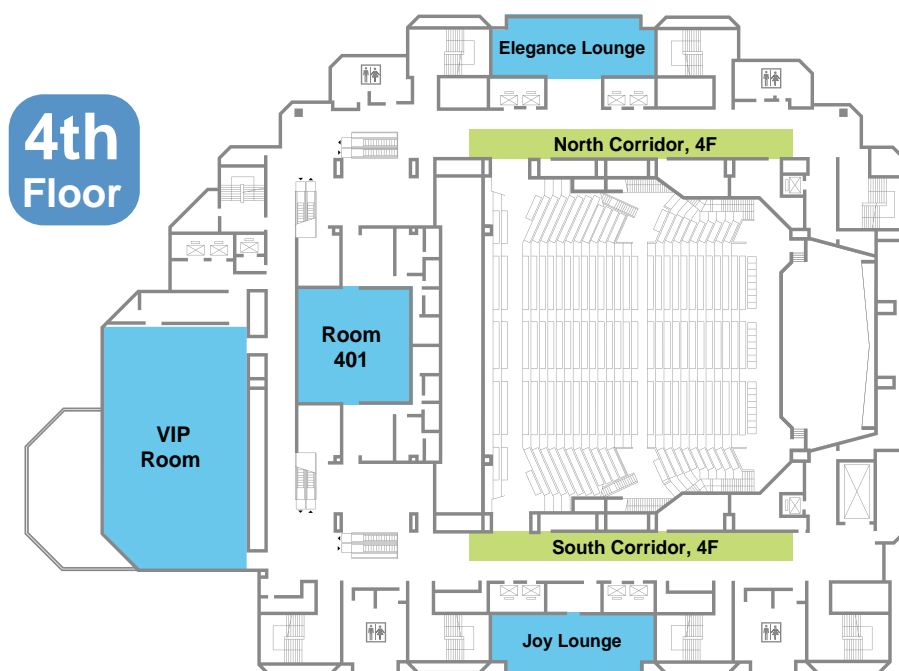


Session Rooms/Space

Room	Date	Sessions/Function
Room 201AF	Oct. 13	T8, T13
Room 201A	Oct. 14~15	T17
	Oct. 16~17	T15
Room 201F	Oct. 14	T7, T19
	Oct. 15	T8, T7
	Oct. 16~17	T10
Room 201BC	Oct. 13	T15
	Oct. 14~15	T4
	Oct. 16~17	T7
Room 201DE	Oct. 13	T15
	Oct. 14~15	T21
	Oct. 16	T9
	Oct. 17	T4
West Corridor, 2F	Oct. 14~16	Poster Session
North Corridor, 2F		
South Corridor, 2F		
Room 203	Oct. 13~17	Secretariat Room
Room 202	Oct. 13~17	Preview Room



Session Rooms/Space		
Room	Date	Sessions/Function
Banquet Hall	Oct. 13~17	T12
Plenary Hall	Oct. 14	Opening Ceremony
	Oct. 17	Closing Ceremony
North Lounge	Oct. 14	T16
	Oct. 15	T20
	Oct. 16	T4
South Lounge	Oct. 14	T13
	Oct. 15	T1
	Oct. 16	T16, T13
North Corridor, 3F	Oct. 14~16	Poster Session
South Corridor, 3F		
West Corridor, 3F		



Session Rooms/Space		
Room	Date	Sessions/Function
VIP Room	Oct. 13	Welcome Reception
	Oct. 14	T15
	Oct. 15	T14, T15
	Oct. 16	T6, Faculty Dinner
Elegance Lounge	Oct. 14~15	T18
	Oct. 16	Global Chinese Ultrasound Forum
Joy Lounge	Oct. 13	WFUMB Meetings
	Oct. 14~15	T6, T3
	Oct. 16	T1, T2
North Corridor, 4F	Oct. 14~16	Poster Session
South Corridor, 4F		
Room 401	Oct. 13	WFUMB Meetings
	Oct. 14	AFSUMB Meeting

REGISTRATION

REGISTRATION HOURS

The registration desk will be located on the 1st Floor, Lobby of Taipei International Convention Center (TICC) from Friday through Tuesday during the following hours:

Friday	October 13, 2017	07:30 ~ 20:00
Saturday	October 14, 2017	07:30 ~ 17:00
Sunday	October 15, 2017	07:30 ~ 17:00
Monday	October 16, 2017	07:30 ~ 17:00
Tuesday	October 17, 2017	07:30 ~ 15:00

REGISTRATION FEES

(a) Congress Registration Fee

Categories	On-site (Oct. 13~17, 2017)
WFUMB Member Physician	US\$ 1,040 = NT\$33,280
WFUMB Member Non-physician	US\$ 940 = NT\$30,080
Non-member Physician	US\$ 1,250 = NT\$40,000
Non-member Non-physician	US\$ 1,140 = NT\$36,480
Student / Intern / PGY / Resident	US\$ 540 = NT\$17,280

(b) Pre-Congress: Workshop/Symposium (Full-Day Course)

Categories	On-site (Only on Oct. 13)
WFUMB Member Physician	US\$ 350 = NT\$11,200
WFUMB Member Non-physician	US\$ 250 = NT\$ 8,000
Non-member Physician	US\$ 450 = NT\$ 14,400
Non-member Non-physician	US\$ 350 = NT\$ 11,200
Student / Intern / PGY / Resident	US\$ 200 = NT\$6,400

(c) Pre-Congress: Workshop/Symposium (Half-Day Course)

Categories	On-site (Only on Oct. 13 before 11:00)
WFUMB Member Physician	US\$ 175 = NT\$ 5,600
WFUMB Member Non-physician	US\$ 125 = NT\$ 4,000
Non-member Physician	US\$ 225 = NT\$ 7,200
Non-member Non-physician	US\$ 175 = NT\$ 5,600
Student / Intern / PGY / Resident	US\$ 100 = NT\$ 3,200

Onsite Registration		On-site (Oct. 13~17, 2017)
Accompanying Person		US\$ 250 = NT\$ 8,000
Gala Dinner		US\$ 25 = NT\$ 800
Congress Tour	Tour A (Oct. 14) - National Palace Museums	US\$ 30 = NT\$ 960
	To Register Onsite before 14:00, Oct. 13, 2017	
	Tour B (Oct. 15) - Taipei 101 & Long Shan Temple	US\$ 30 = NT\$ 960
	To Register Onsite before 14:00, Oct. 14, 2017	
	Tour C (Oct. 16) - Yangmingshan National Park	US\$ 30 = NT\$ 960
	To Register Onsite before 14:00, Oct. 15, 2017	
Tour D (Oct. 17) - Yeliou Scenic Area	US\$ 30 = NT\$ 960	
To Register Onsite before 14:00, Oct. 16, 2017		
*Only CASH (NT\$) and CREDIT CARD (VISA /Master/JCB) will be accepted for payment		

BADGE INFORMATION

The badge will be provided to each registered attendees together with all the necessary coupons onsite upon checking in.

All participants are required to wear the badge all the time during the congress period for recognition.

STATUS	ENTITLEMENT
FACULTY	<ul style="list-style-type: none"> ● Admission to all Scientific Sessions, Industry-sponsored Satellite Symposia and Exhibition. ● Admission to Congress Social Programs (Welcome Reception / Opening Ceremony/ Gala Dinner/President's Dinner/Faculty Dinner/Closing Ceremony) ● Congress Kit (Congress Bag, Badge and Program Book Included) ● Refreshment during the Congress Period
ATTENDEE	<ul style="list-style-type: none"> ● Admission to all Scientific Sessions, Industry-sponsored Satellite Symposia and Exhibition. ● Admission to Congress Social Programs (Welcome Reception / Opening Ceremony/ Closing Ceremony) ● Congress Kit (Congress Bag, Badge and Program Book Included) ● Refreshment during the Congress Period
ACCOMPANYING PERSON	<ul style="list-style-type: none"> ● Access to the Exhibition, Welcome Reception and Opening Ceremony / Closing Ceremony) ● Refreshment during the Congress Period.
SPONSOR	<ul style="list-style-type: none"> ● Access to Exhibitions and Opening Ceremony/Closing Ceremony. ● Refreshment during the Congress Period.
STAFF	<ul style="list-style-type: none"> ● Please Reach the Staff if Any Assistance Needed.

* Security personnel will allow only persons with badges (and coupons for couponed functions) to enter the meeting rooms and the exhibition area.

* Badges are not transferable and cannot be lent to anyone for any purpose during The 16th WFUMB Congress.

EXHIBITION

The exhibition is located at both North & South Foyer & Carpet Area on 1st floor and in Room 101 of the Taipei International Convention Center (TICC). All participants are welcomed to visit during the exhibition hours.

EXHIBITION HOURS

08:30 ~ 17:00, October 13~16, 2017

08:30 ~ 12:00, October 17, 2017



Booth No.	Affiliation	Booth No.	Affiliation
A1	HITACHI	E8	Siemens Healthineers
A2	Toshiba Medical Systems Corporation	E9	Ultrasound in Medicine and Biology (UMB)
E1	GE Healthcare	E10	WFUMB 2019 Melbourne
E2	PHILIPS	E11	Affiliates
E3	AmCad BioMed Corporation	E12	WFUMB programs
E4	SuperSonic Imagine	E13	EFSUMB
E5	EpiSonica Corporation	E14	AFSUMB 2018
E6	Lantheus Medical Imaging, Inc.	E15	BenQ Medical
E7	SAMSUNG	E16	Germitec

SOCIAL PROGRAM

All **registered participants** are cordially invited to the following programs.

WELCOME RECEPTION

Date: Friday, October 13, 2017
Time: 18:30 ~ 20:30
Venue: 4F, VIP Room TICC
No. 1, XinYi Rd., Sec. 5, Taipei, Taiwan

OPENING CEREMONY

Date: Saturday, October 14, 2017
Time: 10:00 ~ 12:00
Venue: 3F, Plenary Hall, TICC
No. 1, XinYi Rd., Sec. 5, Taipei, Taiwan

All the **faculties** of the WFUMB 2017 TAIPEI are invited to the following programs

GALA DINNER

Date: Saturday, October 14, 2017
Time: 18:30 ~ 21:00
Venue: 12F Grand Ball Room, The Grand Hotel
No.1, Chung Shan N.Rd., Sec.4, Taipei, Taiwan
By Ticket & Invitation

PRESIDENT'S DINNER

Date: Sunday, October 15, 2017
Time: 18:30 ~ 20:30
Venue: 3F Grand Ball Room I, GRAND HYATT TAIPEI
No. 2, Songshou Rd., Taipei, Taiwan
By Invitation

FACULTY DINNER

Date: Monday, October 16, 2017
Time: 18:30 ~ 20:30
Venue: 4F, VIP Room TICC
No. 1, XinYi Rd., Sec. 5, Taipei, Taiwan
By Invitation

CONGRESS TOUR

Delegates & Faculties who registered the congress tour please refer to registration counter to confirm your tour ticket upon check-in.

Tour A

Date: Saturday, October 14, 2017
Pick-up Time: 13:30
Pick up Location: Lobby, TICC
Tour Highlight: Palace Museum and Chiang Kai-Shek Shilin Residence



National Palace Museum

boasts the world's largest and most impressive collection of Chinese art and artifacts, dating back more than 7,000 years. The full collection comprises over 650,000 items, including calligraphy, paintings, jade, bronze, silk and curio pieces.



Chiang Kai-Shek Shilin Residence

The former residence of Chiang Kai-shek and his wife Soong Mei-ling, the Shilin Official Residence is a designated historical site open to the public as a museum celebrating their accomplishments as well as their contributions to the growth of Taiwan in the modern era. Besides the main residence, other buildings within the compound include the guesthouse, Victory Chapel, Ciyun Pavilion, and numerous gardens open to the public.

Tour B

Date: Sunday, October 15, 2017
Pick-up Time: 13:30
Pick up Location: Lobby, TICC
Tour Highlight: Long Shan Temple, Chiang-Kai-Shek Memorial Hall and Taipei 101



Long Shan Temple

Longshan Temples, located at the Longshan MRT station, was originally built in 1738 and today is Taipei's best-known temple. Its host deity is Guanyin, the Buddhist Goddess of the Sea. They are accompanied by a host of other divine personages. The structure includes unique dragon columns cast from bronze. Despite World War II bombing and several reconstructions, the temple remains one of the city's best examples of traditional temple architecture.



Chiang-Kai-Shek Memorial Hall

The Memorial Hall is built upon three stories of broad and solid foundations that symbolize "Jhung Jheng" (impartial and righteous). The octagonal roof design creates many "ren" (Man), motifs on the very top, symbolizing the "unification of Man and Heaven." The roof is fashioned in the form of the Altar to Heaven and covered with blue glazed tiles, reflecting the sunlight. The apex of the roof is gold in color and culminates the upsurge glory. None of the other materials, such as the white marble, red cypress ceiling, and light red granite floor, have been tainted with artificial colors, thereby imparting a feeling of sacredness, solemnity, hospitality, and peace.



Taipei 101

TAIPEI 101 is the world's first skyscraper to remain the tallest building in the world for 5 consecutive years. The rarest and the most proud achievements of TAIPEI 101 are not the multiple "first" records created during construction and for its height, but also the cutting-edge technology and architectural concepts that are able to withstand the major forces of nature such as earthquakes and typhoons. After conquering all obstacles and challenging the impossible, TAIPEI 101 is finally complete; since official opening, it is gradually being transformed into the best office building, best shopping mall and the best scenic spot.

Tour C

Date: Monday, October 16, 2017
Pick-up Time: 13:30
Pick up Location: Lobby, TICC
Tour Highlight: Yangmingshan National Park, Xiaoyoukeng and Grass Mountain Chateau



Yangmingshan National Park

Yangmingshan National Park is the only park in Taiwan that has volcanic geography and hot springs. The magnificent mountainous scenery and comfortable weather have made Yangmingshan National Park a perfect summer resort. Total area of the park is 125 hectares, designed in traditional Chinese style. The natural beauty of the park has won it the reputation as urban forest and the Taipei garden.



Xiaoyoukeng

Xiaoyoukeng is a post-volcanic geological landscape area and is located on Mt. Qixing's northwestern foot. It is approximately 805 meters above sea level and is famed for the fumaroles, sulfur crystals, hot springs and spectacular 'landslide terrain' formed by post-volcanic activity. Visitors who enjoy flora are encouraged to spend a few minutes taking a pleasant walk on the Arrow Bamboo Trail and take in the sights of the arrow bamboo, awn and other plants that flourish in volcanic areas.



Grass Mountain Chateau

The house was originally built as a guesthouse for Taiwan Sugar Corporation during Japanese Occupation era. It was also used as a residence for Japanese Emperor Showa while visiting Taiwan. In 1949, the former President Chiang Kai-shek used it as a guesthouse. Thus, it became the first president residence in Taiwan. In 2002, Taipei city government appointed the house as a historical building and made it to become an art and cultural salon.

Tour D

Date: Tuesday, October 17, 2017
Pick-up Time: 13:30
Pick up Location: Lobby, TICC
Tour Highlight: Yeliou Scenic Area, Keelung Miaokow and Zhongzheng Park (Keelung)



Yeliou Scenic Area

The total distance measured from the entrance of the Yehliu Geopark to the end of the cape is about 1.7 km; the widest area in between is shorter than 300 m. The distance measured from Yehliu Stop at Jijin Highway to the end of the cape is about 2.4km. The rock landscape of Yehliu Geopark is one of most famous wonders in the world. The costal line is stretching in a direction vertical to the layer and the structure line; besides, the influences caused by wave attack, rock weathering, earth movement and crustal movement all contribute to the formation of such a rare and stunning geological landscape.



Keelung Miaokow

There are many kinds of eatery here and more than 200 food stands gather in the area of 400 meters. Good materials are used for the dishes and prices are modest. The market attracts huge crowd each day. The famous dishes include soup mix, fried fish pastry, meat soup, fried oysters and meat on rice, etc. There are seafood, fried chicken, cold desserts, and more. Visiting the food market will give you a chance to taste all of the famous dishes in Taiwan.



Zhongzheng Park (Keelung)

Zhongzheng Park is situated on the side of Dashawan Mountain, which is at the east of Keelung City. There is a white statue of Goddess of Mercy in the park. This 25-meter high statue has become one of the characteristics of Keelung. Inside the statue is a stairway leading to the top. The park overlooks Keelung City and the harbor. There are three levels in the park. On the first level is a historic canon fort. On the second level is a Buddhist library, Martyrs' Shrine and Zhuputan Temple. The temple attracts many worshipers on July 15 of the lunar calendar (Zhongyuan Festival). On the third level is Guanhai Pavilion. Sitting in the pavilion, visitors can see the entire Keelung and the ocean.

INSTRUCTION FOR MODERATOR AND INVITED SPEAKERS

FOR MODERATORS

- Moderators are requested to be at the allocated Session room **15 minutes** before the session starts.
- Information on of your chairing session would be deposited in your session room prior to the start of the session.
- Kindly adhere to the time and a timekeeper will be equipped in each session room to notify the time left.

FOR INVITED SPEAKERS

Each meeting room will be equipped with a Notebook installed with Window 7 Pro and a LCD projector. It is advised that all speakers use the notebook provided to prevent the problem of connectivity and save the time for installation.

- Please prepare your backup copy in a USB. Kindly test and load your presentation slides at least **2 hours** prior to your presentation session at the **Preview Room (2F, Room 202)**.
- Please arrive at your session room 30 minutes before your session starts to meet the Session Chairs and to re-confirm your presentation slides.

INFORMATION ON PREVIEW ROOM

Location	2F, Room 202, TICC		
Service Hours	08:00 ~ 17:00	Friday	October 13, 2017
		Saturday	October 14, 2017
		Sunday	October 15, 2017
		Monday	October 16, 2017
		Tuesday	October 17, 2017

INSTRUCTION FOR ORAL & POSTER PRESENTERS

GENERAL INFORMATION FOR ORAL PRESENTER

- The session room will be with a laptop (Windows) and a projector for your presentation. It is advised that all presenters use the laptop provided to prevent the problem of connectivity and save the time for installation.
- Please prepare your backup copy in a USB, upload and check your presentation file in the preview room (2F, Room 202) during break hours at least **2 hours** before your presentation time.
- If you have movies or sound files in the presentation; please embed them and also bring the sound or movie files on USB Disk as a backup copy in case they are lost on different versions of Power Point.
- Please arrive at the session room **20 minutes before** the session starts in order to meet up with session chair, perform a quick check of all presentation material and get familiar with the environment.
- In order to run the program smoothly, all presenters are requested to keep the presentation on time.

Information on Preview Room

Location	2F, Room 202, TICC		
Service Hours	08:00 ~ 17:00	Friday	October 13, 2017
		Saturday	October 14, 2017
		Sunday	October 15, 2017
		Monday	October 16, 2017
		Tuesday	October 17, 2017

GENERAL INFORMATION FOR POSTER PRESENTATION

- Help desks and the staff will be in service to assist on poster mounting. Adhesive tape will be provided on site. No paste, glue, thumbtacks or staples are permitted.
- Authors who wish to keep their posters should remove them after the presentation. The organizer shall dispose all posters left after the scheduled time. Please remove the poster promptly.

GENERAL POSTER INSTRUCTION FOR ALL TRACKS				
Presentation Date	Location	Presentation Tracks	Mounting	Removal
			Date & Time	Date & Time
Oct. 14-16, 2017	1F West Corridor	02.Breast Ultrasound 05.Echocardiography		
		07.Elastography 10.Fetal Echocardiography		
	2F West Corridor	11.Gynecologic/Obstetric Ultrasound 17.Neurosonology 21.Ultrasound in Small Parts & Vascular Ultrasound		
	North Corridor	20.Therapeutic Ultrasound	Oct.13 13:00	
			to	
	3F West Corridor	12.General and Abdominal Ultrasound 16.Nephro-/Urologic Ultrasound	Oct.13 17:00	Oct.16 15:00
	South Corridor	04.ACUCI 2017 TAIPEI 13.Otolaryngology & Head Neck Ultrasound 16.Nephro-/Urologic Ultrasound	& Oct. 14 07:30	to Oct.16 16:00
	North Corridor	14.Interventional/perioperative/Anesthesiologic Ultrasound 15.Musculoskeletal Ultrasound 18.Pediatric Ultrasound	to Oct. 14 08:30	
4F	South Corridor	01.Basic Science, Instrumentation, Quality Control and New Tech 03. Chest Ultrasound 06.Education in Medical Ultrasound 08.Emergency and Critical Care Ultrasound		

INFORMATION ON TAIWAN

CLIMATE

October are the fall season in Taiwan with average temperature around 18~22°C.

ELECTRICITY AND WATER

Electric supply is 110 volts AC, 60 cycles. Drinking water served at hotels and restaurants is distilled or boiled. Tap water is suggested to be boiled before drinking.

TIME ZONE

Taiwan is 8 hours ahead of Greenwich Mean Time (GMT).

CURRENCY AND BANKS

Country's currency is the New Taiwan dollar (NT\$). The exchange rate in recent months is around NT\$30~33 for US\$1. Foreign currencies can be exchanged at hotels, airports and government-designated banks. Major credit cards are widely accepted, and traveler's checks may be accepted by tourist-oriented shops and at most international tourist hotels and banks. Banks open whole day from 09:00 to 15:30, Mon-Fri and closed at weekend and public holidays.

LANGUAGES

Mandarin Chinese is the official language in Taiwan, though other dialects are also spoken. Many people can speak some English for communication, however, most taxi drivers do not.

USEFUL PHONE NUMBERS

Taiwan Taoyuan International Airport
Tourism Bureau
Foreign Affairs Division

Tel: +886-3-398-2050
Tel: +886-2-2717-3737
Tel: +886-2-2348-2999

TRAVEL IN TAIWAN

Airport Express Bus

Airport express bus between the Taoyuan International Airport and the Grand Hyatt Taipei (nearest hotel by the congress venue) is available through Air Bus East Line, and the cost is NT\$145 for one way ticket.

Taiwan High Speed Rail

The most convenient way to travel from Taipei City to Kaohsiung City is by the Taiwan High Speed Rail (THSR). An express train that is capable of running up to 300 km/h in 90 minutes. For further information on THSR route and schedule, please visit Taiwan High Speed Rail website. <http://www.thsrc.com.tw>

UNLIMITED OPTIONS OF PLEASURE

In Taiwan, visitors can have various options of pleasure. There are more to explore and we wait your sharing.



INFORMATION ON TAIPEI

CITY BUS

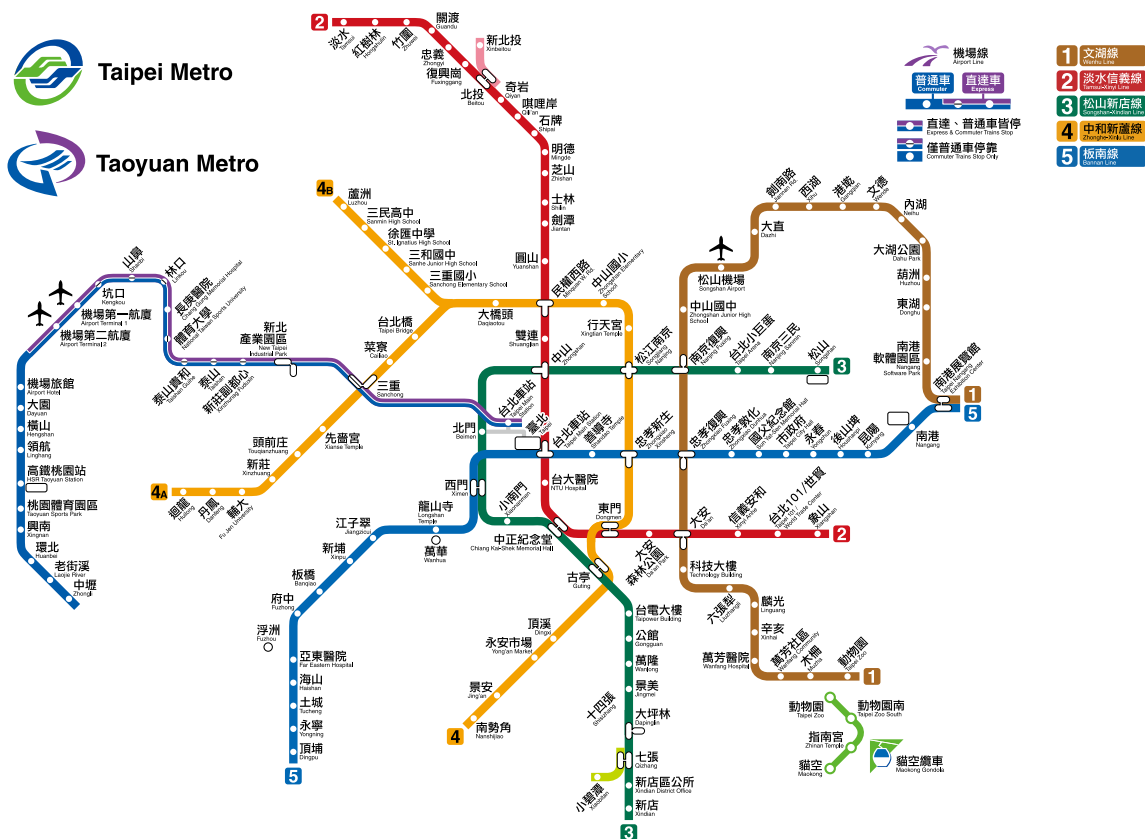
A single section fare for city bus is NT\$15. Pay upon boarding or departure according to the instructions. For further information on bus route and schedule, please visit the Taipei e-bus System website. <http://www.e-bus.taipei.gov.tw/>

TAXI

Taxi in Taipei charges are NT\$70 for the first 1.25 km and NT\$5 for each additional 250 meters. An additional NT\$5 is charged for every two minutes of waiting, and a 20% surcharge is added to fares between 11 p.m. and 6 a.m. Airport Taxis charge according to the meter plus a 15% surcharge (highway tolls not included). Typical fare to Taipei is around NT\$1,200. Most drivers do not speak English, so it is a good idea to have hotel personnel write both your destination and your hotel's name and address in Chinese, along with the projected cost of each one-way trip.

MRT

Travel to the congress venue by Mass Rapid Transit (MRT) is available through the Metro Taipei Tamsui Xinyi Line (Red Line). The nearest station is the Taipei 101/World Trade Center Station (R03) (Exit No.1). Single journey ticket ranges from NT\$20 to NT\$65 depending on traveling distance. MRT operating hours are 06:00~24:00. For further information on Metro Taipei and schedule, please visit the Metro Taipei website. <http://www.trtc.com.tw>



LOCATION PLAN



★ Venue- TICC

MRT

- 1 Taipei City Hall
- 2 Sun Yat-Sen Memorial Hall
- 3 Zhongxiao Dunhua
- 4 Zhongxiao Fuxing
- 5 Daan
- 6 Technology Building
- 7 Liuzhangli
- 8 Taipei 101 / Word Trade Center
- 9 Xingyi Anhe

BUS STOP

- 1 Bus Line : 20,285,282,284,611,625
- 2 Bus Line : 22,33,37,226,266,288

HOTEL

- 1 AT Boutique Hotel
- 2 Pacific Business Hotel
- 3 United Hotel
- 4 Taipei Fullerton (Fu-Xing South)
- 5 San Want Hotel Taipei
- 6 Howard Plaza Hotel Taipei
- 7 Grand Hyatt Taipei
- 8 Le Méridien Taipei



WFUMB 2017 TAIPEI SCIENTIFIC PROGRAM

PROGRAM AT A GLANCE

PROGRAM AT A GLANCE (T=TRACK)

Time/Date	October 13 Friday	October 14 Saturday	October 15 Sunday	October 16 Monday	October 17 Tuesday
08:30-10:00	Pre-Congress Workshop T2, T5, T8, T10, T12, T15	Parallel Session T2, T4, T5, T6, T7, T10, T12, T13, T15, T16, T17, T18, T21	Parallel Session T1, T3, T4, T5, T8, T10, T11, T12, T14, T17, T18, T20, T21	Parallel Session T2, T4, T5, T6, T7, T9, T10, T11, T12, T14, T15, T16, T22	Parallel Session T2, T4, T7, T10, T11, T12, T15
10:00-10:30	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
10:30-12:00	Pre-Congress Workshop T2, T5, T8, T10, T12, T15	Opening Ceremony	Parallel Session T1, T3, T4, T5, T8, T10, T11, T12, T14, T17, T18, T20, T21	Parallel Session T1, T4, T5, T6, T7, T9, T10, T11, T12, T14, T15, T16, T22	Closing Ceremony
12:00-13:30	Lunch	Luncheon Symposium	Luncheon Symposium	Lunch	Lunch
13:30-15:00	Pre-Congress Workshop T2, T5, T10, T12, T13, T15	Parallel Session T2, T3, T4, T5, T10, T12, T13, T15, T16, T17, T18, T19, T21	Parallel Session T1, T3, T4, T5, T6, T7, T10, T11, T12, T15, T17, T18, T20, T21	Parallel Session T4, T6, T7, T9, T10, T11, T12, T13, T15, T21, T22,	Parallel Session T2, T7, T10, T11
15:00-15:30	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
15:30-17:00	Pre-Congress Workshop T2, T5, T10, T12, T13, T15	Parallel Session T2, T3, T4, T5, T10, T12, T13, T15, T16, T17, T18, T19, T21	Parallel Session T1, T4, T5, T6, T7, T10, T11, T12, T15, T17, T20, T21	Parallel Session T4, T6, T7, T10, T11, T12, T13, T14, T15, T21, T22	Parallel Session T10
18:30-21:00	Welcome Reception	Gala Dinner	President's Dinner	Faculty Dinner	

WFUMB 2017 TAIPEI SCIENTIFIC PROGRAM

OCTOBER 13

(PRE-CONGRESS WORKSHOP/SYMPOSIUM)

PROGRAM AT A GLANCE (DAY 1)

Friday, October 13 (Pre-Congress)																	
Room	0830 0900	0900 0930	0930 1000	1000 1030	1030 1100	1100 1130	1130 1200	1200 1330	1330 1400	1400 1430	1430 1500	1500 1530	1530 1600	1600 1630	1630 1700	1700 1830	1830 2030
102	Pre-Congress Symposium Breast Ultrasound (T2)			Coffee Break (101 Exhibition Area) Sponsored by: Toshiba Medical Systems Corporation	Pre-Congress Symposium Breast Ultrasound (T2)			Lunch	Pre-Congress Symposium Breast Ultrasound (T2)			Coffee Break (101 Exhibition Area)	Pre-Congress Symposium Breast Ultrasound (T2)				Welcome Reception (Available for All Participants)
103	Pre-Congress Symposium Echocardiography (T5)				Pre-Congress Symposium Echocardiography (T5)				Pre-Congress Workshop Echocardiography (T5)				Pre-Congress Workshop Echocardiography (T5)				
105	Pre-Congress Workshop 1 Fetal Echocardiography (T10)				Pre-Congress Workshop 1 Fetal Echocardiography (T10)				Pre-Congress Workshop 1 Fetal Echocardiography (T10)				Pre-Congress Workshop 1 Fetal Echocardiography (T10)				
201 AF	Pre-Congress Symposium Emergency and Critical Care Ultrasound (T8)				Pre-Congress Symposium Emergency and Critical Care Ultrasound (T8)				Pre-Congress Symposium Otolaryngology & Head Neck Ultrasound (T13)				Pre-Congress Workshop Otolaryngology & Head Neck Ultrasound (T13)				
201BC	Pre-Congress Workshop Musculoskeletal Ultrasound (T15)				Pre-Congress Workshop Musculoskeletal Ultrasound (T15)				Pre-Congress Workshop Musculoskeletal Ultrasound (T15)				Pre-Congress Workshop Musculoskeletal Ultrasound (T15)				
201DE	Pre-Congress Workshop Rheumatology Ultrasound (T15)				Pre-Congress Workshop Rheumatology Ultrasound (T15)				Pre-Congress Workshop Rheumatology Ultrasound (T15)				Pre-Congress Workshop Rheumatology Ultrasound (T15)				
3F Banquet Hall	Pre-Congress Symposium General and Abdominal Ultrasound (T12)				Pre-Congress Symposium General and Abdominal Ultrasound (T12)				Pre-Congress Symposium General and Abdominal Ultrasound (T12)				Pre-Congress Symposium General and Abdominal Ultrasound (T12)				

TRACK OF DAY 1 (OCT 13, W5)

T2-Breast Ultrasound	p.52
T5-Echocardiography	p.53
T8-Emergency and Critical Care Ultrasound	p.54
T10-Fetal Echocardiography Workshop 1	p.55
T12-General and Abdominal Ultrasound	p.56
T13-General and Abdominal Ultrasound	p.57
T15-Musculoskeletal Ultrasound	p.58-59

DAILY PROGRAM

2017/10/13 (W5) Track 2: Breast Ultrasound (Pre-Congress Program)

Topic: "Asian Breast Ultrasonography Symposium"

Time	Topic	Speaker	Moderator
Symposium 1.Advanced Techniques in Breast Ultrasonography			(Room 102, 1F)
08:30-08:50	Contrast-Enhanced Breast Ultrasonography	Toshikazu Ito (Japan)	Etsuo Takada (Japan)
08:50-09:10	What is the Best Indication of Breast Contrast-Enhanced Ultrasound?	Keitaro Kamei (Japan)	
09:10-09:30	2nd Look CE-US After MRI	Fumihiro Terasaki (Japan)	
09:30-09:50	Noninvasively Delivering Therapeutic Monoclonal Antibodies into the Brain -- Opportunity in Primary Brain Tumor/ Breast Cancer Brain Metastasis Treatment	Hao-Li Liu (Taiwan)	Shin- Cheh Chen (Taiwan)
09:50-10:10	Superb Microvascular Imaging for Breast Lesions	Hidemitsu Yasuda (Japan)	
10:00-10:30	Coffee Break		
Symposium 2. Automated Whole Breast Ultrasound (AWBUS)			(Room 102, 1F)
10:30-10:50	Automated Breast Ultrasound Scanner and Computer Aided Diagnosis	Etsuo Takada (Japan)	Lingyun Bao (Chinese Mainland)
10:50-11:10	Image Quality and Artifact of ABUS	Sung Hun Kim (South Korea)	
11:10-11:30	Utilities and Interpretation of ABUS (New Vesion, Invenia) for Breast Ultrasound Screening	Kazutaka Nakashima (Japan)	
11:30-11:50	Reader Study of Sonologist’s Performance in Reading Automated Breast Ultraound (ABVS) Images with the CAD System	Lingyun Bao (Chinese Mainland)	Chiun-Sheng Huang (Taiwan)
11:50-12:10	Clinical Experience and Future of ABUS	Sung Hun Kim (South Korea)	
12:00-13:30	Lunch		
Symposium 3. Improving Accuracy of Breast Ultrasonography			(Room 102, 1F)
13:30-13:50	Ultrasonography for Non-Mass Breast Lesions	Hidemitsu Yasuda (Japan)	Hidemitsu Yasuda (Japan)
13:50-14:10	Criteria of Diagnostic Accuracy of US for Tumor Less Than 1 cm	Eriko Tohno (Japan)	
14:10-14:30	How to Reduce False Positive Rates in Breast Ultrasound Screening?	Woo Kyung Moon (South Korea)	Woo Kyung Moon (South Korea)
14:30-14:50	Differential Diagnosis of Pre-invasive Tumor on Ultrasonography	Chin-Yu Chen (Taiwan)	
15:00-15:30	Coffee Break		
Symposium 4. Intervention of Breast Ultrasonography			(Room 102, 1F)
15:30-15:50	The Potential of Ultrasonography to Detect and Localize Calcifications	Shin-Cheh Chen (Taiwan)	Anhua Li (Chinese Mainland)
15:50-16:10	Pitfall of Ultrasonographic Diagnosis of Axillary Node before Sentinel Biopsy	Kiyoka Omoto (Japan)	
16:10-16:30	Can Shear Wave Elastography Variables Predict the Pathological Response to Neoadjuvant Chemotherapy in Patients with Invasive Breast Cancer?	Anhua Li (Chinese Mainland)	Min Jung Kim (South Korea)
16:30-16:50	Ultrasonographic-Guided Clip-Replacement on Breast and Axillary Node	Min Jung Kim (South Korea)	

2017/10/13 (W5) Track 5: Echocardiography (Pre-Congress Program)

(A) Symposium on Intraoperative Monitoring with Echocardiography in Transcatheter Interventions of Heart Diseases (Focusing on Technical Aspects)			(Room 103, 1F)
Time	Content	Instructor	Moderator
08:30-12:00	a. TEE: (1) Simulator-Based TEE Training	Haibo Song (Chinese Mainland)	Shen-Kou Tsai (Taiwan)
	(2) TEE Guided Septal Puncture and Balloon Mitral Commissurotomy	Cheng-Wen Chiang (Taiwan)	
	(3) TEE in TAVI	Toshinari Onishi (Japan)	
	(4) Technique of TEE Guidance in MitraClipping	Sunil V. Mankad (USA)	
	b. ICE: ICE-Guided Intervention	Qi-Ling Cao (Qatar)	
12:15-13:15	Lunch		
(B) Echocardiographic Workshop (focusing on technical aspects)			(Room 103, 1F)
Time	Content	Instructor	Moderator
13:30-17:00	a. 3-D Echo b. Speckle Tracking	Alex Lee (Hong Kong) Luigi P Badano (Italy) Wen-Chung Yu (Taiwan) Chun-Li Wang (Taiwan)	Wen-Chung Yu (Taiwan)

2017/10/13 (W5) Track 8: Emergency and Critical Care Ultrasound (Pre-Congress Program)

Time	Topic	Speaker	Moderator
Symposium			(Room 201AF, 2F)
08:30-08:50	Clinically Integrated Ultrasound in the Differential Diagnosis of Acute Abdomen	Young-Rock Ha (South Korea)	Ching-Ming Chen (Taiwan) Young-Rock Ha (South Korea)
08:50-09:10	Dyspnea: What Can Ultrasound Tell Us?	Francis Lee (Singapore)	
09:10-09:30	The Role of Ultrasound in Evaluating Patients with Acute Chest Pain	Chien-Hua Huang (Taiwan)	
09:30-09:50	First International Guidelines (EFSUMB) on Intestinal Ultrasound	Odd Helge Gilja (Norway)	
09:50-10:10	Assessment of Acute Scrotum	Sudheer Gokhale (France)	
10:10-10:30	Coffee Break		
10:30-10:50	Musculoskeletal Ultrasound in the Acute Care Setting	P.K. Srivastava (India)	Ching-Ming Chen (Taiwan) Yusef Sayeed (United States)
10:50-11:10	Ultrasound-Assisted Resuscitation	Wei-Tien Chang (Taiwan)	
11:10-11:30	Ultrasound-Assisted Interventions	Yusef Sayeed (United States)	
11:30-12:10	Ultrasound-Assisted Sepsis Management	Kuo-Chih Chen (Taiwan)	

2017/10/13 (W5) Track 10: Fetal Echocardiography (Pre-Congress Program)

The pre-congress workshop on fetal echocardiography will provide a detailed day of instruction for anyone involved with the sonographic evaluation of the fetal heart—both in low-risk pregnancies (fetal cardiac screening) and in high-risk pregnancies (fetal echocardiography). The day will provide a series of clinically-oriented and state-of-the-art presentations that will provide the background, tools, and insights necessary to detect and evaluate major forms of congenital heart disease. Talks will range from basic and introductory concepts to highly sophisticated approaches and techniques. Everyone in attendance will be sure to leave with an improved ability to detect and evaluate fetal forms of heart disease.

Time	Topic	Instructor	Moderator
Workshop (Room 105, 1F)			
08:30-09:00	Fetal Cardiac Screening: What Are We (And Our Guidelines) Doing Wrong?	Mark Sklansky (USA)	Mark Sklansky (USA)
09:00-09:30	1st Trimester Fetal Echocardiography	Greggory DeVore (USA)	Greggory DeVore (USA)
09:30-10:00	The Four-Chamber View: Tips and Pearls	Greggory DeVore (USA)	Ching-Chang Hsieh (Taiwan)
10:00-10:30	Coffee Break		
10:30-11:00	Right-Sided Obstructive Lesions: TOF/PS/PA	Mark Sklansky (USA)	Mark Sklansky (USA)
11:00-11:30	Measurements of Cardiac Dimensions	Greggory DeVore (USA)	Greggory DeVore (USA)
11:30-12:00	Evaluation of Cardiac Function: M-Mode and Pulsed Doppler Ultrasound	Greggory DeVore (USA)	Ching-Chang Hsieh (Taiwan)
12:00-13:30	Lunch		
13:30-14:00	D-TGA/L-TGA	Mark Sklansky (USA)	Mark Sklansky (USA)
14:00-14:30	Genetic Ultrasound: Use of Fetal Echocardiography	Greggory DeVore (USA)	Greggory DeVore (USA)
14:30-15:00	4D Evaluation of the Fetal Heart-Latest Technologies	Greggory DeVore (USA)	Ching-Chang Hsieh (Taiwan)
15:00-15:30	Coffee Break		
15:30-16:00	Fetal Arrhythmias: Basics of Diagnosis	Mark Sklansky (USA)	Mark Sklansky (USA)
16:00-16:30	2D Speckle Tracking-Its Use to Evaluate Cardiac Function	Greggory DeVore (USA)	Greggory DeVore (USA)
16:30-17:00	Just Images	Greggory DeVore (USA)	Ching-Chang Hsieh (Taiwan)

2017/10/13 (W5) Track 12: General and Abdominal Ultrasound (Pre-Congress Program)

Time	Topic	Conductor	Moderator
Symposium (Banquet Hall, 3F)			
08:30-09:00	Elastography Guidelines for the Assessment of Diffuse Liver Disease	Giovanna Ferraioli (Italy)	Christoph F. Dietrich (Germany) Giovanna Ferraioli (Italy)
09:00-09:30	Liver Stiffness Measurement in the Prediction of Clinical Significant Portal Hypertension and Related Complications	Jing-Houng Wang (Taiwan)	
09:30-10:00	Ultrasound Elastography-Based Prediction Model of Liver-Related Outcome	Kwang Hyub Han (South Korea)	
10:00-10:30	Coffee Break		
10:30-11:00	Multi-Bipolar RFA for Hepatic Tumors: Concepts, Techniques and Results	Olivier Seror (France)	Olivier Seror (France) Won Jae Lee (South Korea)
11:00-11:30	Contrast-Enhanced Ultrasound: Applications to Hepatic Diseases	Won Jae Lee (South Korea)	
11:30-12:00	Novel Guidance for Percutaneous Treatment of Hepatic Tumors: Fusion Images and Cone-Beam CT	Olivier Seror (France)	
12:00-13:30	Lunch		
13:30-14:00	Doppler Ultrasound in Liver Diseases	Antonio Carlos Matteoni (Brazil)	Sheng-Nan Lu (Taiwan) Antonio Carlos Matteoni (Brazil)
14:00-14:30	CEUS in the Diagnosis of Liver Tumor in Taiwan	Yi-Hong Chou (Taiwan)	
14:30-15:00	Fusion Imaging in the Diagnosis and Treatment of Liver Tumors in Taiwan	Sheng-Nan Lu (Taiwan)	
15:00-15:30	Coffee Break		
15:30-16:00	EUS in Diagnosis and Treatment of GI Tract	Chien-Hua Chen (Taiwan)	Chien-Hua Chen (Taiwan) Dong Wan Seo (South Korea)
16:00-16:30	EUS in Diagnosis and Treatment of Biliary Diseases	Kosuke Minaga (Japan)	
16:30-17:00	EUS in Diagnosis and Treatment of Pancreatic Diseases	Dong Wan Seo (South Korea)	

2017/10/13 (W5) Track 13: Otolaryngology & Head Neck (Pre-Congress Program)

Time	Topic	Instructor	Moderator
Symposium			(Room 201AF, 2F)
13:30-13:48	Sonographic Anatomy of the Head & Neck, How & Why	Anil Ahuja (Hong Kong)	Tsung-Lin Yang (Taiwan) Cheng-Ping Wang (Taiwan)
13:48-14:06	Neck lesions- FNA / Core Biopsy -Tips and Tricks	Asif Momin (United Kingdom)	
14:06-14:24	Ultrasound Based Korean Thyroid Imaging Reporting and Data System (K-TIRADS)	Byungjoo Lee (South Korea)	
14:24-14:42	ARFI Elastography (ARFI imaging) for Diagnosing Cervical Lymph Node Metastasis from Head and Neck Squamous Cell Carcinoma	Takahiro Fukuhara (Japan)	
14:42-15:00	Ultrasound of Neck Masses in Pediatrics	Panruethai Trinavarat (Thailand)	
15:00-15:30	Coffee Break		
Workshop: Hand-On			(Room 201AF, 2F)
15:30-17:00	Sonographic Anatomy of the Head & Neck; How & Why	Anil Ahuja (Hong Kong)	Wu-Chia Lo (Taiwan)
	Neck lesions- FNA / Core Biopsy -Tips and Tricks	Asif Momin (United Kingdom)	Wan-Ni Lin (Taiwan)
	Ultrasound Based Korean Thyroid Imaging Reporting and Data System (K-TIRADS)	Byungjoo Lee (South Korea)	Pao-Yu Tseng (Taiwan)
	ARFI Elastography (ARFI imaging) for Diagnosing Cervical Lymph Node Metastasis from Head and Neck Squamous Cell Carcinoma	Takahiro Fukuhara (Japan)	Tsung-Lun Lee (Taiwan)
	Ultrasound of Neck Masses in Pediatrics	Panruethai Trinavarat (Thailand)	

2017/10/13 (W5) Track 15: Musculoskeletal Ultrasound

Time	Course		Speaker	Moderator
Lecture			(Room 201BC, 2F)	
08:30-09:00	Cervical Spine		Ravi Krishna Kalathur (India)	Ravi Krishna Kalathur (India)
09:00-09:30	Shoulder		Gi-Young Park (South Korea)	Gi-Young Park (South Korea)
09:30-10:00	Knee		Mohammad Moniruzzaman (Bangladesh)	Mohammad Moniruzzaman (Bangladesh)
10:00-10:30	Coffee Break			Hideaki Miyamoto (Japan)
10:30-11:00	Wrist		Hideaki Miyamoto (Japan)	
Hand-On Session (Room 201BC, 2F)				
Region	Cervical Spine	Shoulder	Knee	Wrist
Instructors	Ravi Krishna Kalathur (India) / Carl Chen (Taiwan)	Gi-Young Park (South Korea) / Chueh-Hung Wu (Taiwan)	Mohammad Moniruzzaman (Bangladesh) / Yi-Pin Chiang (Taiwan)	Hideaki Miyamoto (Jaoan) / Ming-Yen Hsiao (Taiwan)
11:00-12:00	A	D	C	B
12:00-13:30	Lunch			
13:30-14:30	B	A	D	C
14:30-15:00	C	B	A	D
15:00-15:30	Coffee Break			
15:30-16:00	C	B	A	D
16:00-17:00	D	C	B	A

2017/10/13 (W5) Track 15: Musculoskeletal Ultrasound (Rheumatology)

Time	Content				Instructors		Moderator
Lecture					(Room 201DE, 2F)		
08:20-08:30	Opening						Shue-Fen Luo (Taiwan)
08:30-09:00	Ultrasound in Rheumatology: The Universe under 0.5 mm				Walter Grassi (Italy)		
09:00-09:30	Overview of Ultrasound in Spondyloarthritis (SpA)				Zhuoli Zhang (Chinese Mainland)		
09:30-10:00	Overview of Ultrasound in Crystal arthritis				Chi-Ching Chang (Taiwan)		Walter Grassi (Italy)
10:00-10:30	Coffee Break						
10:30-11:00	Overview of Ultrasound in Interventional Pain Medicine				Anwar Arshad (Malaysia)		Ka Wing Gavin Lee (Hong Kong)
Hand-On Session					(Room 201DE, 2F)		
Group	A	B	C	D	E	F	Chi-Ching Chang (Taiwan)
11:00-12:00	1	2	3	4	5	6	
12:00-13:30	Lunch						
13:30-14:30	6	1	2	3	4	5	
14:30-15:00	5	6	1	2	3	4	
15:00-15:30	Coffee Break						
15:30-16:00	4	5	6	1	2	3	
16:00-16:30	3	4	5	6	1	2	
16:30-17:00	2	3	4	5	6	1	
17:00-17:10	Closing						

Instructors:

Group A (RA): Walter Grassi (Italy) / Ko-Jen Li (Taiwan)

Group B (Intervention): Anwar Arshad (Malaysia) / Chien-Hsing Chen (Taiwan)

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Group E (Crystal): Chi-Ching Chang (Taiwan) / Ting Lee (Chinese Mainland)

Group F (SpA): Ka Wing Gavin Lee (Hong Kong) / Kuo-Lung Lai (Taiwan)



WFUMB 2017 TAIPEI SCIENTIFIC PROGRAM

OCTOBER 14

PROGRAM AT A GLANCE (DAY 2)

Saturday, October 14																		
Room	0830 0900	0900 0930	0930 1000	1000 1030	1030 1100	1100 1130	1130 1200	1200 1330	1330 1400	1400 1430	1430 1500	1500 1530	1530 1600	1600 1630	1630 1700	1700 1730	1730 1830	1830 2100
Plenary Hall				Coffee Break (101 Exhibition Area)	Opening Ceremony							Coffee Break (101 Exhibition Area)						Gala Dinner (by Ticket) & Invitation)
102	Symposium Breast Ultrasound (T2)								Symposium Breast Ultrasound (T2)				Free Paper Breast Ultrasound (T2)					
103	Symposium Echocardiography (T5)							LS 1 12:15 - 13:15	Symposium Echocardiography (T5)				Symposium Echocardiography (T5)					
105	Free Paper Fetal Echocardiography (T10)								Symposium Fetal Echocardiography (T10)				Symposium Fetal Echocardiography (T10)					
201 A	Free Paper Neurosonology (T17)								Symposium Neurosonology (T17)				Symposium & Live Demonstration Neurosonology (T17)					
201BC	Special Lecture ACUCI 2017 TAIPEI (T4)								Keynote Speech ACUCI 2017 TAIPEI (T4)				Special Lecture ACUCI 2017 TAIPEI (T4)					
201DE	Free Paper Small Parts & Vascular (T21)								Refresh Course Small Parts & Vascular (T21)				Refresh Course Small Parts & Vascular (T21)					
201F	Free Paper Elastography (T7)								Symposium Preclinical Ultrasound (T19)				Symposium Preclinical Ultrasound (T19)					
3F Banquet Hall	Symposium General and Abdominal Ultrasound (T12)							LS 2 12:15 - 13:15	Symposium General and Abdominal Ultrasound (T12)				Symposium General and Abdominal Ultrasound (T12)					
3F South Lounge	Symposium Otolaryngology & Head Neck Ultrasound (T13)								Symposium Otolaryngology & Head Neck Ultrasound (T13)				Symposium Otolaryngology & Head Neck Ultrasound (T13)					
3F North Lounge	Symposium TRUS (T16)								Symposium Nephro-/Urologic Ultrasound (T16)				Symposium Nephro-/Urologic Ultrasound (T16)					
4F VIP Room	Free Paper Musculoskeletal Ultrasound (T15)							LS 3 12:15 - 13:15	Symposium Musculoskeletal Ultrasound (T15) (Rheumatology)				Symposium Musculoskeletal Ultrasound (T15) (Rheumatology)					
4F Elegance Lounge	Free Paper Pediatric Ultrasound (T18)								Symposium Pediatric Ultrasound (T18)				Symposium Pediatric Ultrasound (T18)					
4F Joy Lounge	Symposium Education in Medical Ultrasound (T6)								Symposium Chest Ultrasound (T3)				Symposium Chest Ultrasound (T3)					

TRACK OF DAY 2 (OCT 14, W6)

T2- Breast Ultrasound	p.64
T3- Chest Ultrasound	p.65
T4- ACUCI 2017 TAIPEI	p.66
T5- Echocardiography	p.67
T6- Education in Medical Ultrasound	p.68
T7- Elastography	p.69
T10- Fetal Echocardiography	p.70
T12- General and Abdominal Ultrasound	p.71
T13- Otolaryngology & Head Neck Ultrasound	p.72
T15- Musculoskeletal Ultrasound	p.73
T16- Nephro-/Urologic Ultrasound	p.74
T17- Neurosonology	p.75
T18- Pediatric Ultrasound	p.76
T19- Preclinical Ultrasound	p.77
T21- Small Parts & Vascular Ultrasound	p.78
Luncheon Symposium	p.79

2017/10/14 (W6) Track 2: Breast Ultrasound

Time	Topic	Speaker	Moderator
Breast Ultrasonography in Cancer Screening			(Room 102, 1F)
08:30-08:50	Role of Ultrasonography in Breast Cancer Screening: Adjunct or Essential?	Woo Kyung Moon (South Korea)	An-Hua Li (Chinese Mainland)
08:50-09:10	Achieving Standardization in Breast Ultrasonography Screening	Chiun-Sheng Huang (Taiwan)	Hiroko Tsunoda (Japan)
09:10-09:30	Implementation of Ultrasonography as Screening Tool-After J-START in Japan	Eriko Tohno (Japan)	
09:30-09:50	Verification of Recall Criteria for Masses Detected on Ultrasound Breast Cancer Screening	Hiroko Tsunoda (Japan)	Shin-Cheh Chen (Taiwan)
10:00-10:30	Coffee Break		
10:30-12:00	Opening Ceremony		
12:15-13:15	Luncheon Symposium		
Multimodality Imaging in Breast Cancer Diagnosis and Screening			(Room 102, 1F)
13:30-13:50	Can MRI Be a Screening Tool for Asian High Risk Population?	Hiroshi Yagata (Japan)	Shin-Cheh Chen (Taiwan) Hiroshi Yagata (Japan)
13:50-14:10	Integral Multimodality Imaging in Breast Cancer Diagnosis	Yun-Chung Cheung (Taiwan)	
14:10-14:30	Women with Dense Breasts: Tomosynthetic Mammography or Ultrasonography?	Chen-Pin Chou (Taiwan)	
14:30-14:50	AWBUS: Can It Be a Screening Modality?	Sung Hun Kim (South Korea)	
14:50-15:10	A Multi-Center Study of ABUS for the Diagnosis of Breast Cancer in China	Anhua Li (Chinese Mainland)	
15:00-15:30	Coffee Break		
Free Paper (9-min oral + 5-min Q&A)			(Room 102, 1F)
15:30-15:44	Breast Ultrasound Examination Combining B-Mode, Color Doppler and Elastography -Jabts Bc-04 Study Part 5-	Eriko Tohno (Japan)	Qingli Zhu (Chinese Mainland) Ming-Feng Hou (Taiwan)
15:45-15:59	Contribution of the High Resolution Ultrasonography in the Diagnosis of Non-Palpable Breast Cancer with Calcification	Koji Takebe (Japan)	
16:00-16:14	Computer Aided Detection of Breast Cancer on Ultrasound Imaging Using Deep Learning	Kenichi Inoue (Japan)	
16:15-16:29	Color Doppler Findings of Malignant Breast Masses -Jabts Bc-04 Study Part 2-	Toshitaka Okuno (Japan)	
16:30-16:44	Minimal Breast Cancer (≤ 5Mm): Ultrasonographic Features with Clinicopathological and Immunohistochemical Characteristics	Jee Eun Lee (South Korea)	
16:45-16:59	“Striped-Strain Features” of Subcutaneous Layer Ensure Appropriate Pre-Load Compression on Breast Us Elastography	Takeshi Umemoto (Japan)	

2017/10/14 (W6) Track 3: Chest Ultrasound

Time	Topic	Speaker	Moderator
Symposium			(Joy Lounge, 4F)
13:30-14:00	Ultrasound Guided Biopsy of Chest and Lung Lesions	Michael Kawooya (Uganda)	Adrian Goudie (Australia) Wu-Huei Hsu (Taiwan)
14:00-14:30	Transcutaneous Airway Ultrasonography	Chin-Chung Shu (Taiwan)	
14:30-14:45	The Sound of Lung – Ultrasound of the Lung and Mediastinum	Christoph F. Dietrich (Germany)	
15:00-15:30	Coffee Break		
15:30-16:00	Airway Ultrasonography in Critical Care	Wan-Ching Lien (Taiwan)	Michael Kawooya (Uganda)
16:00-16:30	Lung Ultrasound in the Breathless Patient	Adrian Goudie (Australia)	Chih-Hsi Kuo (Taiwan)

OCT. 14 - T3

2017/10/14 (W6) Track 4: ACUCI 2017 TAIPEI

Time	Topic		Speaker	Moderator
Theranosis Special Lecture				(Room 201BC, 2F)
08:30-08:55	Where Physics Meets Biology: Quantifying the Biological Effects of Combination Treatments of Focused Ultrasound Mediated Heating and Radiotherapy		Gail ter Haar (United Kingdom)	Hao-Li Liu (Taiwan) Juan Tu (Chinese Mainland)
08:55-09:15	Focused Ultrasound Therapy Enhanced by Microbubbles		Kullervo Hynynen (Canada)	
09:15-09:30	Microscale Ultrasonic Bioeffects and Their Biomedical Implications		Hairong Zheng (Chinese Mainland)	
09:30-09:45	Therapeutic Applications of Microbubbles with Nanoparticle Encapsulation		Pai-Chi Li (Taiwan)	
09:45-10:00	Multifunctional Microbubbles in Ultrasound Theranostics		Chih-Kuang Yeh (Taiwan)	
10:00-10:30	Coffee break			
10:30-12:00	Opening ceremony			
12:15-13:15	Luncheon Symposium			
13:20-13:30	ACUCI Opening Remark	Fuminori Moriyasu (Japan) Byung Ihn Choi (South Korea) Minhua Chen (Chinese Mainland) Yi-Hong Chou (Taiwan)	Yi-Hong Chou (Taiwan)	
Keynote Speech				(Room 201BC, 2F)
13:30-13:50	Clinical Usefulness of Contrast-Enhanced Ultrasound and Fusion Imaging in Ablation Treatment of Liver and Pancreatic Cancer		Fuminori Moriyasu (Japan)	Dirk Clevert (Germany) Jing-Houng Wang (Taiwan)
13:50-14:10	Hepatic Nodules in Liver Cirrhosis: US and CEUS		Byung Ihn Choi (South Korea)	
14:10-14:30	Imaging of Pathologies of the Aorta by Contrast-Enhanced Ultrasound		Dirk Clevert (Germany)	
14:30-14:50	The Difference between Conventional Doppler and New Advanced Doppler (Superb Micro-Vascular Imaging) and Contrast Harmonic Ultrasound and Contrast SMI on Breast Ultrasound		Kazutaka Nakashima (Japan)	Yi-Hong Chou (Taiwan)
14:50-15:10	Contrast-Enhanced Ultrasound Liver Imaging Reporting and Data System (CEUS LI-RADS)		Christoph F. Dietrich (Germany)	
15:00-15:30	Coffee break			
Special lecture				(Room 201BC, 2F)
15:30-15:50	CEUS Beyond the Liver: Vascular Application. EFSUMB Guidelines and Personal Experience		Vito Cantisani (Italy)	Christian Pállson Nolsøe (Denmark) Mein-Kai Gueng (Taiwan)
15:50-16:10	EFSUMB Non-Hepatic CEUS Guidelines – an Update		Christoph F. Dietrich (Germany)	
16:10-16:30	CEUS Guidelines: Evidence Based Medicine or off Label Use?		Christian Pállson Nolsøe (Denmark)	
16:30-16:50	A Phase 3 Multicentre, Randomised, Comparative Study of the Efficacy and Safety of Sonazoid and SonoVue in Subjects with Focal Liver Lesions Undergoing Pre- and Post-Contrast Ultrasound Imaging		Yuxing Jiang (Chinese Mainland)	
16:50-17:10	Current Status and Prospectives of CEUS in Taiwan		Yi-Hong Chou (Taiwan)	

2017/10/14 (W6) Track 5: Echocardiography

Time	Topic	Speaker	Moderator
Symposium (1): 3D Echo, TEE, ICE and Intracardiac Echo			(Room 103, 1F)
08:30-08:43	Current Advancement of Transthoracic 3D Echocardiography for the Quantification of Left Chamber Parameters	Masaaki Takeuchi (Japan)	Luigi P Badano (Italy) Masaaki Takeuchi (Japan) Jou-Kou Wang (Taiwan)
08:43-08:56	The Added Value of 3D Echo to Assess RV Geometry and Function	Luigi P Badano (Italy)	
08:56-09:09	Application of 3D Echo in the Diagnosis of Complex CHD	Kun-Jing Pang (Chinese Mainland)	
09:09-09:22	Tips and Tricks of Transesophageal Echocardiographic Guidance During Cardiac Interventions	Cheng-Wen Chiang (Taiwan)	
09:22-09:35	Intracardiac Echo Guidance for Interventions of Structural Heart Diseases	Qi-Ling Cao (Qatar)	
09:35-09:48	Intracardiac Echo Guidance of Intervention	Yun-Ching Fu (Taiwan)	
09:48-10:00	Q & A		
10:00-10:30	Coffee Break		
10:30-12:00	Opening Ceremony		
12:15-13:15	Luncheon Symposium		
Symposium (2): Echo in Vavular Heart Disease			(Room 103, 1F)
13:30-13:45	Echocardiographic Risk Stratification in Asymptomatic Patients with Paradoxical Low Flow Low Pressure Gradient Severe Aortic Stenosis	Masaaki Takeuchi (Japan)	Sunil V. Mankad (USA) Toshinari Onishi (Japan) Shih-Hsien Sung (Taiwan) Absent
13:45-14:00	Transesophageal Echo in Transcatheter Aortic Valve Implantation	Toshinari Onishi (Japan)	
14:00-14:15	Making TAVR Simple: TTE or TEE Guidance	Yung-Tsai Lee (Taiwan)	
14:15-14:30	Transesophageal Echo in Mitral Valve Interventions	Sunil V. Mankad (USA)	
14:30-14:45	Tips and Tricks for MitraClip Procedure	Shih-Hsien Sung (Taiwan)	
14:45-15:00	Q & A		
15:00-15:30	Coffee Break		
Symposium (3): Echo in Coronary Heart Disease			(Room 103, 1F)
15:30-15:45	The Diagnosis and Differential Diagnosis of Acute Coronary Syndrome	Jingping Sun (Hong Kong)	Kenichi Fujii (Japan) Chiau-Suong Liao (Taiwan) Jingping Sun (Chinese Mainland)
15:45-16:00	Stress Echo in HFPEF	Hsin-Yueh Liang (Taiwan)	
16:00-16:15	Ultrasound-Mediated Drug Delivery for Cardiovascular Disease	Christy K. Holland (USA)	
16:15-16:30	Intravascular Ultrasound Guided Percutaneous Coronary Intervention	Kenichi Fujii (Japan)	
16:30-16:45	Comparison Among US, OCT and MRI	Chung-Lieh Hung (Taiwan)	
16:45-17:00	Q & A		

2017/10/14 (W6) Track 6: Education in Medical Ultrasound

Time	Topic	Speaker	Moderator
Symposium			(Joy Lounge, 4F)
08:30-08:50	WFUMB COE: Current Status and Future Perspectives	Byung Ihn Choi (South Korea)	Susan Campbell Westerway (Australia) Yi-Hong Chou (Taiwan)
08:50-09:10	Why We Need Infection Prevention and Control Protocols for Ultrasound Practitioners?	Susan Campbell Westerway (Australia)	
09:10-09:30	Best Practices for Publishing in Scientific Journals	Christy K. Holland (USA)	
09:30-09:50	Ultrasound Qualifications and Credentialing - the ASUM Experience	Lyndal Macpherson (Australia)	
09:50-10:10	Medical Ultrasound Education As a Specialty: Taiwan Experience	Ming-Ren Chen (Taiwan)	

OCT. 14 - T6

2017/10/14 (W6) Track 7: Elastography

Time	Topic	Speaker	Moderator
Free Paper (9-min oral + 5-min Q&A)			(Room 201F, 2F)
08:30-08:44	Us Elastography Using Carotid Artery Pulsation May Increase the Diagnostic Accuracy for Thyroid Nodules with Us - Pathology Discordance	Yoon Joo Cho (South Korea)	Etsuo Takada (Japan) Jing-Houng Wang (Taiwan)
08:45-08:59	Breast Cancer Imaging by Color Doppler Shear Wave Elastography	Yoshiki Yamakoshi (Japan)	
09:00-09:14	A Large Scale Validation of Two-Dimensional Shear Wave Elastography in the Diagnosis of Liver Fibrosis Progression in Patients with Chronic Hepatitis B	Hong Ding (Chinese Mainland)	
09:15-09:29	Liver Stiffness Measurements with Supersonic Shearwave Elastography in the Preoperative Evaluation of the Liver Fibrosis for Infants with Biliary Atresia	Luyao Zhou (Chinese Mainland)	
09:30-09:44	The Effects of Normothermic Ex-Situ Perfusion on Liver Elasticity Measurements Using Shearwave Elastography	Andrew McNeill (United Kingdom)	
09:45-09:59	Association of Lower Hardness Sonoelastography of Quadriceps Muscle with Sarcopenia	Ying-Chou Chen (Taiwan)	

OCT. 14 - T7

2017/10/14 (W6) Track 10: Fetal Echocardiography

Time	Topic	Speaker	Moderator
Free Paper (9-min oral + 5-min Q&A)			(Room 105, 1F)
08:30-08:44	Annular Plane Systolic Excursion Z-Score in Evaluation of Heart Systolic Function of Fetus with Heart Failure	Xianfeng Guo (Chinese Mainland)	T'sang T'ang Hsieh (Taiwan) Bowen Zhao (Chinese Mainland) Chung-Lieh Hung (Taiwan)
08:45-08:59	Tricuspid Annular Plane Systolic Excursion Z-Score in Evaluation of Right Ventricle Systolic Function of Fetus with Ebstein Anomaly	Xianfeng Guo (Chinese Mainland)	
09:00-09:14	Build-out Remotely Connected Support System of Fetal Diagnosis	Chika Kanno (Japan)	
09:15-09:29	Assessment of the Cases of Fetal Cardiac Abnormalities Identified Before 22 Weeks' Gestation	Atsushi Yoshida (Japan)	
10:00-10:30	Coffee Break		
10:30-12:00	Opening Ceremony		
12:15-13:15	Lunch Satellite Symposium		
Symposium			(Room 105, 1F)
13:30-13:45	Echocardiographic Assessment of Fetal Cardiac Function	Yiu Fai Cheung (Hong Kong)	Greggory DeVore (USA) Ching-Chang Hsieh (Taiwan)
13:45-14:00	Evaluation of Fetal Cardiac Function: New Technologies Using Speckle Tracking	Greggory DeVore (USA)	
14:00-14:15	Fetal Pericardial Effusion: Roles of Prenatal Cardiac Intervention	Tuangsit Wataganara (Thailand)	
14:15-14:30	Fetal Patient Foramen Ovule: Anatomical & Physiological Aspects	Kai-Sheng Hsieh (Taiwan)	
14:30-14:45	AS/Coarctation of the Aorta/HLHS	Mark Sklansky (USA)	
14:45-15:00	Outflow Tract Abnormalities	Nitin Chaubal (India)	
15:00-15:30	Coffee Break		
15:30-15:45	The Use of 3D/4D Electronic Probe to Evaluate the Fetal Heart	Greggory DeVore (USA)	Mark Sklansky (USA) Jin-Chung Shih (Taiwan) Liang-Ming Lo (Taiwan)
15:45-16:00	3D/4D Fetal Cardiac Imaging—Past/Present/Future	Mark Sklansky (USA)	
16:00-16:15	Fetal Cardiac Isomerism	Jin-Chung Shih (Taiwan)	
16:15-16:30	Secondary Fetal Cardiopathy	Tuangsit Wataganara (Thailand)	
16:30-16:45	New Look into Old Technique---Reappraisal of Fetal Echocardiography	Kai-Sheng Hsieh (Taiwan)	
16:45-17:00	Outflow Tract Abnormalities	T.L.N. Praveen (India)	

2017/10/14 (W6) Track 12: General and Abdominal Ultrasound

Time	Topic	Speaker	Moderator
Parenchyma Liver Disease and Elastography Correlation			(Banquet Hall, 3F)
08:30-08:50	Elastography Application in Liver Pathology: Between Expectations and Result	Adrian Săftoiu (Romania)	Christoph F. Dietrich (Germany)
08:50-09:10	Correlation Between Fibroscan and ARFI with Metavir Liver Fibrosis Score	Dar-In Tai (Taiwan)	
09:10-09:30	Clinical Feasibility of Liver Elastography	Kai-Wen Huang (Taiwan)	Sudhir Vinayak (Kenya)
09:30-09:50	Hepatic Fibrosis: US and MR Elastography	Byung Ihn Choi (South Korea)	Cheng-Yuan Peng (Taiwan)
09:50-10:10	QIBA Ultrasound Shear Wave Speed Biomarker Update	Shigao Chen (United States)	
10:00-10:30	Coffee Break		
10:30-12:00	Opening Ceremony		
Liver Steatosis			(Banquet Hall, 3F)
13:30-14:00	Ultrasound Statistical Parametric Imaging in the Assessment of Fatty Liver	Po-Hsiang Tsui (Taiwan)	Chavdar Pavlov (Russia)
14:00-14:30	ARFI in the Assessment of NAFLD Severity	Jee-Fu Huang (Taiwan)	
14:30-15:00	Transient Elastography for Diagnosis of Stages of Hepatic Fibrosis and Cirrhosis in People with Alcoholic Liver Disease	Chavdar Pavlov (Russia)	Sien-Sing Yang (Taiwan)
15:00-15:30	Coffee Break		
Specific Liver Disease and Elastography			(Banquet Hall, 3F)
15:30-16:00	Elastography in Diffuse Liver Disease	Giovanna Ferraioli (Italy)	Antonio Carlo Matteoni (Brazil)
16:00-16:30	Elastography Evaluation of Liver Fibrosis in Patients with Hepatitis B	Sudhir Vinayak (Kenya)	
16:30-17:00	Liver Elastography and Doppler	Antonio Carlos Matteoni (Brazil)	Jing-Houng Wang (Taiwan)

2017/10/14 (W6) Track 13: Otolaryngology & Head Neck

Time	Topic	Speaker	Moderator
Symposium		(South Lounge, 3F)	
08:30-08:50	The Role of Ultrasound in Imaging Obstructive Salivary Gland Diseases	Anil Ahuja (Hong Kong)	Anil Ahuja (Hong Kong) Tsung-Lin Yang (Taiwan)
08:50-09:10	Pearls and Pitfalls in Ultrasound of Pediatric Head and Neck	Panruethai Trinavarat (Thailand)	
09:10-09:30	High Resolution Ultrasound of Pediatric Neck	P.K. Srivastava (India)	
09:30-09:50	Mimics of Neck Lesions in Post Treatment Neck Surveillance	Asif Momin (United Kingdom)	
09:50-10:10	How Does Ultrasound-Guided Core Biopsy Change the Clinical Practice of Diagnosing Head and Neck Diseases	Tsung-Lin Yang (Taiwan)	
10:10-10:30	Coffee break		
10:30-12:00	Opening Ceremony		
12:15-13:15	Luncheon Symposium		
13:30-13:55	Head and Neck Sonography from the Viewpoint of a Surgeon	Cheng-Ping Wang (Taiwan)	Sudheer Gokhale (India) Cheng-Ping Wang (Taiwan)
13:55-14:20	Elastography of Neck Masses	Chander Lulla (India)	
14:20-14:45	B-Mode and Color Doppler Ultrasound Evaluation of Neck Lymphadenopathy	Daniel Makes (Indonesia)	
14:45-15:10	Sonography of Salivary Glands	Sudheer Gokhale (India)	
15:10-15:30	Coffee Break		
15:30-15:50	Thyroid and Perithyroidal Anatomy for Non-Surgical Treatment	Jung Hwan Baek (South Korea)	Takahiro Fukuhara (Japan) Chun-Nan Chen (Taiwan)
15:50-16:10	Utility of Intraoperative Ultrasonography for Head and Neck Surgery	Takahiro Fukuhara (Japan)	
16:10-16:30	Can Ultrasound Features Predict the Clinical Aggressiveness of Thyroid Cancer?	Byungjoo Lee (South Korea)	
16:30-16:50	Imaging of Parathyroid Glands	Eunice YL Dai (Hong Kong)	

2017/10/14 (W6) Track 15: Musculoskeletal Ultrasound

Time	Topic	Speaker	Moderator
Free Paper (9-min oral + 5-min Q&A)			(VIP Room, 4F)
08:30-08:44	Sonographic Findings of Cutaneous Panniculitis in Systemic Lupus Erythematosus and/or Antiphospholipid Syndrome: A Case Series	Lung-Fang Chen (Taiwan)	Der-Yuan Chen (Taiwan) Anwar Arshad (Malaysia)
08:45-08:59	Can Ultrasound Differentiate Acute Erosive Arthritis Associated with Osteomyelitis, Rheumatoid Arthritis, or Gouty Arthritis?	Cheng-Hsun Lu (Taiwan)	
09:00-09:14	Power Doppler Ultrasonography-Documented Rheumatoid Arthritis Relapse Is Common in Patients on Biologics Dose Reduction	Kuo-Lung Lai (Taiwan)	
09:15-09:29	The Role of Ultrasound in the Diagnosis of Infectious Tenosynovitis of Hand Mimic Rheumatic Diseases: Two Case Reports	Cheng-Hsun Lu (Taiwan)	
09:30-09:44	Serum C-Reactive Protein Is Predictive of Synovial Proliferation and Joint Deformities in Patients with Chronic Gouty Arthritis: Correlation between Clinical and Ultrasound Manifestations	Zheng-Hao Huang (Taiwan)	
09:44-09:59	Scleredema Adultorum Buschke: Ultrasonographic Findings	Dong Ho Ha (South Korea)	
10:00-10:14	Is This Juxtacortical Chondroma or Chondrosarcoma?: A Case Report	Sun Joo Lee (South Korea)	
10:00-10:30	Coffee Break		
10:30-12:00	Opening Ceremony		
12:15-13:15	Luncheon Symposium		
Symposium			(VIP Room, 4F)
13:30-14:00	Ultrasound in Rheumatology: New Challenges	Walter Grassi (Italy)	Shue-Fen Luo (Taiwan)
14:00-14:30	Ultrasound Biomarkers in Rheumatology	Walter Grassi (Italy)	
14:30-14:50	Musculoskeletal Ultrasound in the Treat-to-Target Treatment Strategies in Rheumatoid Arthritis	Zhuoli Zhang (Chinese Mainland)	Ka Wing Gavin Lee (Hong Kong)
14:50-15:00	Discussion		
15:00-15:30	Coffee Break		
15:30-15:40	Salivary Gland Ultrasonography in Comprehensive Assessment of Patients with Sjogren’s Syndrome	Hsin-Hua Chen (Taiwan)	Zhuoli Zhang (Chinese Mainland)
15:40-16:00	Overview the Development of Muscle Skeletal Ultrasound in Mainland and Its Future	Ting Lee (Chinese Mainland)	
16:00-16:20	MSK USG in Diagnosing Inflammatory Arthritis: Pearls and Pitfalls	Ka Wing Gavin Lee (Hong Kong)	
16:20-16:30	Ultrasound Is a Better Target Than Clinical Disease Activity Scores in Rheumatoid Arthritis	Ying-Chou Chen (Taiwan)	Walter Grassi (Italy)
16:30-16:50	Ultrasound in Rheumatology for Non-Rheumatologist	Anwar Arshad (Malaysia)	
16:50-17:00	Discussion		

2017/10/14 (W6) Track 16: Nephro-/Urologic Ultrasound

Time	Topic	Speaker	Moderator
50-Year of Transrectal Ultrasound (TRUS)			(North Lounge, 3F)
08:30-08:50	History of Transrectal Ultrasound (TRUS)	Hiroki Watanabe (Japan)	Yang-Jen Chiang (Taiwan) Hiroki Watanabe (Japan)
08:50-09:10	Recent Advances of TRUS for Diagnosis of Prostate Cancer	Seung Hyup Kim (South Korea)	
09:10-09:30	Recent Advances of TRUS for Fusion and Intervention	Osamu Ukimura (Japan)	
09:30-09:50	TRUS in USA and Ultrasound Education	Pat F. Fulgham (United States)	
09:50-10:00	Discussion		
10:00-10:30	Coffee Break		
10:30-12:00	Opening Ceremony		
12:15-13:15	Luncheon Symposium		
Symposium			(North Lounge, 3F)
13:30-13:55	Water Absorption from Urine by the Urinary Bladder	Hiroki Watanabe (Japan)	Shuo-Meng Wang (Taiwan) Harvey Nisenbaum (United States)
13:55-14:20	Ultrasound of the Acute Scrotum	Harvey Nisenbaum (United States)	
14:20-14:45	Image Fusion of the Kidney	Michel Claudon (France)	
14:45-15:10	New Role of Transrectal Ultrasound Guided Prostate Biopsy	Osamu Ukimura (Japan)	Harvey Nisenbaum (United States)
15:10-15:30	Coffee Break		
15:30-15:55	Multiparametric Ultrasound Performs as well as Multiparametric MRI for Prostate Cancer	Pat F. Fulgham (United States)	Shuo-Meng Wang (Taiwan)
15:55-16:20	Erectile Dysfunction: Ultrasound Assessment and 1600 Patients Results	Leandro Fernández (Venezuela)	
16:20-16:45	Doppler in Renovascular Hypertension	Leandro Fernández (Venezuela)	Pat F. Fulgham (United States)
16:45-17:00	Discussion		

2017/10/14 (W6) Track 17: Neurosonology

Time	Topic	Speaker	Moderator
Free Paper (9-min oral + 5-min Q&A)			(Room 201A, 2F)
08:30-08:44	Right-to-Left Shunt and Subclinical Ischemic Brain Lesions in Chinese Migraineurs: Multicenter MRI Study	Ying-Qi Xing (Chinese Mainland)	Han-Hwa Hu (Taiwan)
08:45-08:59	Use of Transurgical Ultrasound in the Management of Spinal Lesions	Raul Guillermo (Mexico)	Hsiu-Fen Lin (Taiwan)
09:00-09:14	Changes In E-Selectin Levels Predict Carotid Artery Progression After Carotid Artery Stenting	Chi-Hung Liu (Taiwan)	
09:15-09:29	Ultrasonograph in Complex Hydrocephalus	Everardo Escamilla Gutiérrez (Mexico)	
09:30-09:44	Age-Dependent Ultrasonographic Changes after Indirect Revascularization Surgery in Patients with Moyamoya Disease	Shin-Joe Yeh (Taiwan)	Ying-Qi Xin (Chinese Mainland)
09:45-09:59	Utility of Sonography Intraoperative in Neuroendoscopy	Montserrat Almaguer (Mexico)	
10:00-10:14	The Utility of Ultrasound and Angio-Sonography in Management of Intracranial Giant Aneurysm	Everardo Escamilla Gutiérrez (Mexico)	
10:00-10:30	Coffee Break		
12:15-13:15	Luncheon Symposium		
13:30-14:00	Color-Coded Doppler Flow Imaging in Evaluation of Diseases of Internal Carotid Artery	Chien-Jung Lu (Taiwan)	Lung Chan (Taiwan)
14:00-14:30	Vertebral Artery Ultrasound	Wei-Jen Fu (Taiwan)	A-Ching Chao (Taiwan)
14:30-15:00	Clinical Applications of Transcranial Duplex Sonography	Disya Ratanakorn (Thailand)	Shinn-Kuang Lin (Taiwan)
15:00-15:30	Coffee Break		
15:30-16:00	Clinical application 2 Monitoring	Vijay K Sharma (Singapore)	Ke Han (Chinese Mainland)
Live Demonstration			(Room 201A, 2F)
16:00-17:00	ECCD	Lung Chan (Taiwan)	Hung-Yi Hsu (Taiwan)
	TCCS	Hsiang-Ying Lee (Taiwan)	
	Emboli Detection: TCD As a Bridge to Right-to-Left Shunt Diagnosis	Ke Han (Chinese Mainland)	

2017/10/14 (W6) Track 18: Pediatric Ultrasound

Time	Topic	Speaker	Moderator
Free Paper (9-min oral + 5-min Q&A)			(Elegance Lounge, 4F)
08:30-08:44	The Impact of Immediate Postoperative Transesophageal Echocardiography on Congenital Heart Disease Surgery	Jeng-Shang Chang (Taiwan)	Guoying Huang (Chinese Mainland) Betau Hwang (Taiwan)
08:45-08:59	Echocardiographic Assessment during the Procedure of Transcatheter Closure of Patent Ductus Arteriosus in Preterm Babies	Jieh-Neng Wang (Taiwan)	
09:00-09:14	Transesophagography Identifies Guide Wire Impingement on the Tricuspid Valve Chordae Duringtranscatheter Closure of the Perimembranous Ventricular Septal Defect	Yu-Chih Huang (Taiwan)	
09:15-09:29	Septic Pulmonary Emboli Associated with Neck Abscess in a Child	Mariam Omar (Kenya)	
09:30-09:44	Arfi-Elastography in Differential Diagnosis of Benign and Malignant Solid Lesions in Children	Elena Feoktistova (Russia)	
10:00-10:30	Coffee Break		
10:30-12:00	Opening Ceremony		
12:15-13:15	Luncheon Symposium		
Symposium (1)			(Elegance Lounge, 4F)
13:30-14:00	Pediatric Contrast-Enhanced Ultrasound – the EFSUMB Position	Christoph F. Dietrich (Germany)	Hung-Chi Lue (Taiwan)
14:00-14:30	Clinical Applications of Speckle Tracking Echocardiography in Pediatric Heart Diseases	Yiu Fai Cheung (Hong Kong)	
14:30-15:00	The Role of 3-D Echocardiography in Guiding Transcatheter Treatment of Congenital or Structural Heart Disease	Jou-Kou Wang (Taiwan)	
15:00-15:30	Coffee Break		
Symposium (2)			(Elegance Lounge, 4F)
15:30-16:00	Urgency Echocardiography to Not Cardiologists. Myth or reality?	Jorge Rabat Salgh (Venezuela)	Jorge Rabat Salgh (Venezuela)
16:00-16:30	Establishment and Implementation of Neonatal Screening Program for Congenital Heart Disease Based on Echocardiographic Confirmation	Guoying Huang (Chinese Mainland)	Ching-Tsuen Shen (Taiwan)
16:30-17:00	CEUS: Renal Applications	Jeong Yeon Cho (South Korea)	Betau Hwang (Taiwan)

2017/10/14 (W6) Track 19: Preclinical Ultrasound

Time	Topic	Speaker	Moderator
Symposium			(Room 201F, 2F)
13:30-14:00	In Vivo Ultrasound Imaging and Characterization of Mouse-Embryo Brain Development	Jonathan Mamou (United States)	Pai-Chi Li (Taiwan) Jonathan Mamou (United States)
14:00-14:30	Ultra-Sensitive Doppler for Micro-Flow Imaging	Shigao Chen (United States)	
14:30-15:00	A Mouse Model of Neuroblastoma by Using High-Frequency Ultrasonography	Yen-Lin Liu (Taiwan)	
15:00-15:30	Coffee Break		
15:30-16:00	Innovative Photoacoustic Imaging Technology to Support Vascular Health Science	Tsuyoshi Shiina (Japan)	Chiung-Nien Chen (Taiwan) Tsuyoshi Shiina (Japan)
16:00-16:30	Evaluating LV Function in Mouse Myocardial Infarction Model by Speckle Tracking Echocardiography	Wei-Wen Lin (Taiwan)	
16:30-17:00	The Application of Theranostic Microbubble Ultrasound System for the Minimally Invasive Surgery	Ai-Ho Liao (Taiwan)	
17:00-17:30	Anti-inflammation as a Novel Therapy for Post-Infarction Heart Failure-The Linkage Between Myocardial Contractility and Biochemical Changes	Chii-Ming Lee (Taiwan)	

OCT. 14 - T19

2017/10/14 (W6) Track 21: Small Parts & Vascular Ultrasound

Time	Topic	Speakers	Moderator
Free Paper (9-min oral + 5-min Q&A)			(Room 201DE, 2F)
08:30-08:44	Feasibility of Ultrafast Doppler in Postoperative Evaluation of Hepatic Artery in Recipients Following Liver Transplantation	Kyoung Won Kim (South Korea)	Rodney L. Fernan (Philippine) Hsin-Kai Wang (Taiwan)
08:45-08:59	Towards an Automatic Super-Resolution Image Based Method for Current 2-Dimensional Contrast Enhanced Ultrasound	Vassilis Sboros (United Kingdom)	
09:00-09:14	Augmented Velocity Index - A New Doppler Index to Reflect Arterial Stiffness	Kin Hung Liu (Hong Kong)	
09:15-09:29	Diagnosis and Management of Vascular Complications after Renal Transplantation - 15 Years of Experience	Anna Drellich-Zbroja (Poland)	
09:30-09:44	Volumetric Evaluation of Carotid Artery Flow, Importance of Compensatory Mechanisms	Michal Elwertowski (Poland)	
09:45-09:59	B Flow Imaging for Varicocele	Byung Chul Kang (South Korea)	
09:58-10:30	Coffee Break		
10:30-12:00	Opening Ceremony		
12:15-13:15	Luncheon Symposium		
Refresh Course			(Room 201DE, 2F)
13:30-14:00	US-Elastography in Differential Diagnosis of Benign and Malignant Thyroid Nodules	Vito Cantisani (Italy)	Vito Cantisani (Italy)
14:00-14:30	Ultrasound Features of Thyroid Follicular Adenoma and Carcinoma	Hsin-Kai Wang (Taiwan)	Maria Cristina Chammas (Brazil)
14:30-15:00	Core-Needle Biopsy for Thyroid	Jung Hwan Baek (South Korea)	Tien-Chun Chang (Taiwan)
15:00-15:30	Coffee Break		
15:30-16:00	Application of Contrast-Enhanced Ultrasonography in the Evaluation of the Invasiveness of Papillary Thyroid Carcinoma	Kun Yan (Chinese Mainland)	Kun Yan (Chinese Mainland)
16:00-16:30	Ultrasound-Guided Radiofrequency Ablation of Low-Risk Papillary Thyroid Microcarcinoma: a Prospective Study	Yu-Kun Luo (Chinese Mainland)	Ting-Ywan Chou (Taiwan)
16:30-17:00	Thyroid and Perithyroidal Anatomy for Non-Surgical Treatment, Including Radiofrequency Ablation	Jung Hwan Baek (South Korea)	Chih-Yuan Wang (Taiwan)

Luncheon Symposium

Luncheon Symposium 1	Ming Shi	Saturday, 14 October 2017 12:15-13:15 / 103, 1F
Moderator: Wen-Chung Yu (Taiwan)		
Contrast Echocardiography in Clinical Needs and Applications Chung-Lieh Hung (Taiwan)		
Luncheon Symposium 2	Toshiba Medical Systems Corporation	Saturday, 14 October 2017 12:15-13:15 / Banquet Hall, 3F
Advanced Tools for the Evaluation of Liver Diseases		
Moderator: Yi-Hong Chou (Taiwan)		
Clinical Value of the Latest Shear Wave Technologies for Routine Liver Assessment Giovanna Ferraioli (Italy)		
Dispersion (viscosity) Imaging Using 2D Shear Wave Elastography Fuminori Moriyasu (Japan)		
Luncheon Symposium 3	PHILIPS	Saturday, 14 October 2017 12:15-13:15 / VIP Room, 4F
Moderator: Hong-Jen Chiou (Taiwan), Ching-Chang Hsieh (Taiwan)		
The Assessment of Liver Fibrosis Using Ultrasound Based Elastography Clevert, Dirk André (Germany)		
Advanced Techniques in Abdominal Ultrasound – Applications of Micro-flow Imaging, Contrast and Fusion Imaging Michael Andrew Fergus McNeill (Great Britain)		
Initial Clinical Experience in Small Parts Imaging with the Philips eL18-4 PureWave Linear Array Michelle L. Robbin (United States)		
Next Generation of Obstetrics Imaging Michael S. Ruma (United States)		



WFUMB 2017 TAIPEI SCIENTIFIC PROGRAM

OCTOBER 15

PROGRAM AT A GLANCE (DAY 3)

Sunday, October 15																			
Room	0830 0900	0900 0930	0930 1000	1000 1030	1030 1100	1100 1130	1130 1200	1200 1330	1330 1400	1400 1430	1430 1500	1500 1530	1530 1600	1600 1630	1630 1700	1700 1730	1730 1830	1830 2030	
102	Symposium Gynecologic/ Obstetric Ultrasound (T11)			Coffee Break (101 Exhibition Area) Sponsored by: HITACHI	Symposium Gynecologic/ Obstetric Ultrasound (T11)				Symposium Gynecologic/ Obstetric Ultrasound (T11)			Coffee Break (101 Exhibition Area)	Symposium Gynecologic/ Obstetric Ultrasound (T11)				President's Dinner (by Invitation)		
103	Symposium Echocardiography (T5)				Symposium Echocardiography (T5)				Symposium Echocardiography (T5)				Symposium Echocardiography (T5)						
105	Symposium Fetal Echocardiography (T10)				Symposium Fetal Echocardiography (T10)				Symposium Fetal Echocardiography (T10)				Symposium Fetal Echocardiography (T10)						
201 A	Symposium Neurosonology (T17)								Symposium Neurosonology (T17)				Symposium Neurosonology (T17)						
201BC	Refresh Course Special Lecture ACUCI 2017 TAIPEI (T4)				Special Lecture ACUCI 2017 TAIPEI (T4)			LS 4 12:15 - 13:15		Free Paper ACUCI 2017 TAIPEI (T4)			Live Demonstration ACUCI 2017 TAIPEI (T4)						
201DE	Refresh Course Small Parts & Vascular (T21)				Refresh Course Small Parts & Vascular (T21)					Refresh Course Small Parts & Vascular (T21)			Refresh Course Small Parts & Vascular (T21)						
201F	Symposium Emergency and Critical Care Ultrasound (T8)				Symposium Emergency and Critical Care Ultrasound (T8)					Free Paper Emergency and Critical Care Ultrasound (T8)			Free Paper Elastography (T7)						
3F Banquet Hall	Symposium General and Abdominal Ultrasound (T12)				Symposium General and Abdominal Ultrasound (T12)			LS 5 12:15 -13:15		Free Paper General and Abdominal Ultrasound (T12)			Free Paper General and Abdominal Ultrasound (T12)						
3F South Lounge	Free Paper Basic Science, Instrumentation, Quality Control and New Tech (T1)				Free Paper Basic Science, Instrumentation, Quality Control and New Tech (T1)					Symposium Basic Science, Instrumentation, Quality Control and New Tech (T1)			Symposium Basic Science, Instrumentation, Quality Control and New Tech (T1)						
3F North Lounge	Symposium Therapeutic Ultrasound (T20)				Free Paper Therapeutic Ultrasound (T20)					Symposium Therapeutic Ultrasound (T20)			Symposium Therapeutic Ultrasound (T20)						
4F VIP Room	Keynote Speech Interventional/ Perioperative /Anesthesiologic Ultrasound (T14)				Live Demonstration Interventional/ Perioperative /Anesthesiologic Ultrasound (T14)			LS 6 12:15 - 13:15		Symposium Musculoskeletal Ultrasound (T15)			Symposium Musculoskeletal Ultrasound (T15)						
4F Elegance Lounge	Free Paper Pediatric Ultrasound (T18)				Symposium Pediatric Ultrasound (T18)					Symposium Pediatric Ultrasound (T18)									
4F Joy Lounge	Symposium Chest Ultrasound (T3)				Symposium Chest Ultrasound (T3)					Symposium Education of COE (T6)			Free Paper Education in Medical Ultrasound (T6)						
401	AFSUMB Education Board Meeting Constitution Meeting									Free Paper Chest Ultrasound (T3)									

TRACK OF DAY 3 (OCT 15, W7)

T1- Basic Science, Instrumentation, Quality Control and New Tech	p.84
T3- Chest Ultrasound	p.85
T4- ACUCI 2017 TAIPEI	p.86-87
T5- Echocardiography	p.88-89
T6- Education in Medical Ultrasound	p.90-91
T7- Elastography	p.92
T8- Emergency and Critical Care Ultrasound	p.93
T10- Fetal Echocardiography	p.94
T11- Gynecologic/Obstetric Ultrasound	p.95-96
T12-General and Abdominal Ultrasound	p.97-98
T14-Interventional/perioperative/Anesthesiologic Ultrasound	p.99
T15- Musculoskeletal Ultrasound	p.100
T17- Neurosonology	p.101
T18- Pediatric Ultrasound	p.102
T20- Therapeutic Ultrasound	p.103
T21- Small Parts & Vascular Ultrasound	p.104
Luncheon Symposium	p.105

2017/10/15 (W7) Track 1: Basic Science, Instrumentation, Quality Control and New Tech

Time	Topic	Speaker	Moderator
Free Paper (9-min oral + 5-min Q&A)			(South Lounge, 3F)
08:30-08:44	The Influence of Ventilation on Pulmonary Capillary Hemorrhage Induced by Diagnostic Ultrasound	Douglas Miller (United States)	Iwaki Akiyama (Japan) Huihua Chiang (Taiwan)
08:45-08:59	Why We Need Infection Control Guidelines for Ultrasound Practice	Susan C. Westerway (Australia)	
09:00-09:14	Artificial Intelligence for Ultrasonography: Japanese Government Policies	Norio Nakata (Japan)	
09:15-09:29	"Remote Breast Ultrasound Image Interpretation System for Multicenter Study (Jabts Bc04 Study)"	Hiroko Yaegashi (Japan)	
09:30-09:44	Ultrasonic RF Time Series for Early Assessment of Tumor Response to Chemotherapy: First in Vivo Studies on Mice Breast Cancer Model	Qingguang Lin (Chinese Mainland)	
09:45-09:59	Preparation of Phase-Transition Perfluoropentane Nanodroplets Modified by Folate for Ultrasound Molecular Imaging in Ovarian Cancer	Yuan Guo (Chinese Mainland)	
10:00-10:30	Coffee Break		
10:30-10:44	Indocyanine Green and Perfluorocarbon Based Liposome for Multi-Modal Imaging Guided Photothermal Therapy	Danli Sheng (Chinese Mainland)	Michael Blaivas (United States) Richard Shau (Taiwan)
10:45-10:59	A Wide Field-of-View Microvascular Imaging based on Diverging Wave Excitation Using a Curved-Array Transducer	Jin Bum Kang (South Korea)	
11:00-11:14	Targeted Pegylated Plga-Coated Prussian Blue Nanocomposite for Dual-Modality Pa/Mr Imaging and Synergistic Chemothermal Tumor Therapy	Xiaoxia Han (Chinese Mainland)	
11:15-11:29	A Laser-Activated Biocompatible Theranostic Nanoagent for Targeted Multimodal Imaging and Photothermal Therapy	Liming Deng (Chinese Mainland)	
11:30-11:44	An Integrated De-Speckling Approach for Medical Ultrasound Images Based on Wavelet and Trilateral Filter	Yun Cheng (Chinese Mainland)	
11:45-11:59	Identification of Jam-A as a Vulnerable Plaque Marker and Its Implication in Ultrasound-Based Plaque Stability Assessment	Yajun Zhang (Chinese Mainland)	
12:15-13:15	Luncheon Symposium		
Symposium			(South Lounge, 3F)
13:30-14:00	Ultrasound Guided Procedures in the Point of Care Setting	Michael Blaivas (United States)	Shigao Chen (United States) Huihua Chiang (Taiwan)
14:00-14:30	Ultrasound Elastography Principles & Application in Liver	Giovanna Ferraioli (Italy)	
14:30-15:00	Fusion Imaging for RF Ablation of HCC	Won Jae Lee (South Korea)	
15:00-15:30	Coffee Break		
15:30-16:00	Ultrasound System Development and Elastography	Yu-Hsin Wang (Taiwan)	Giovanna Ferraioli (Italy)
16:00-16:30	Effect of Low-Intensity Ultrasound Stimulation on the Attenuation of Mechanical Properties of Fibrous Tissue	Jaw-Lin Wang (Taiwan)	Richard Shau (Taiwan)

2017/10/15 (W7) Track 3: Chest Ultrasound

Time	Topic	Speaker	Moderator
Symposium			(Joy Lounge, 4F)
08:30-09:00	The Use of Lung Ultrasound in Acute Circulatory Failure : the FALLS-Protocol	Daniel A. Lichtenstein (France)	Hao-Chien Wang (Taiwan)
09:00-09:30	Lung Ultrasound, a Holistic Discipline. The Example of the BLUE-Protocol	Daniel A. Lichtenstein (France)	Daniel A. Lichtenstein (France)
09:30-10:00	Transthoracic Ultrasound Elastography in Pulmonary Lesions and Diseases	Chor-Kuan Lim (Taiwan)	
10:00-10:30	Coffee Break		
10:30-11:00	Endobronchial Ultrasonography for Peripheral Pulmonary Lesions	Noriaki Kurimoto (Japan)	Chao-Chi Ho (Taiwan)
11:00-11:30	EBUS Elastography for Thoracic Lesions	Takehiro Izumo (Japan)	Noriaki Kurimoto (Japan)
11:30-12:00	EBUS for Solid and Ground Glass Opacity Pulmonary Lesions	Takehiro Izumo (Japan)	
12:15-13:15	Luncheon Symposium		
Free Paper (9-min oral + 5-min Q&A)			(Room 401, 4F)
13:30-13:44	Endobronchial Ultrasound with Transbronchial Needle Aspiration in the Diagnosis of Bilateral Hilar and Mediastinal Lymphadenopathy	Ting-Han Chen (Taiwan)	Wu-Huei Hsu (Taiwan)
13:45-13:59	Application of Transthoracic Shear-Wave Ultrasound Elastography in the Diagnosis of Pulmonary Lesions	Yao-Wen Kuo (Taiwan)	Hao-Chien Wang (Taiwan)
14:00-14:14	Pediatric Lobar Pneumonia with Emphasis on Real Time Dynamic Images	Chia-Wan Tang (Taiwan)	

2017/10/15 (W7) Track 4: ACUCI 2017 TAIPEI

Time	Topic	Speaker	Moderator
Refresh Course/Special Lecture			(Room 201BC, 2F)
08:20-08:30	Contrast-Enhanced EUS: A Preliminary Report of Definity Experience	Chien-Hua Chen (Taiwan)	Chien-Hua Chen (Taiwan)
08:30-08:40	Intradermal Contrast-Enhanced Ultrasound Guided Fine Needle Aspiration Biopsy on Sentinel Lymph Nodes: Preoperative Diagnostic accuracy in Breast Cancers	Qingli Zhu (Chinese Mainland)	
08:40-08:50	Contrast Imaging Methods by Using Sonazoid for Chronic Liver Disease	Naohisa Kamiyama (Japan)	
08:50-09:05	A New Diagnosis Standard for Enterovesical Fistula in Crohn's Disease by Intracavitary Contrast-Enhanced Ultrasound	Xiaoyan Xie (Chinese Mainland)	Anhua Li (Chinese Mainland)
09:05-09:20	Early Changes in Contrast Enhanced Ultrasound Predict for Pathologic Response to Chemotherapy in an Animal Tumor Model	Anhua Li (Chinese Mainland)	Seung Hyup Kim (South Korea)
09:20-09:35	The Role of CEUS in Radiofrequency Ablation of HCC	Minhua Chen (Chinese Mainland)	
09:35-10:00	Future Prospects for Contrast Ultrasound	Peter N. Burns (Canada)	
10:00-10:30	Coffee break		
Special Lecture			(Room 201BC, 2F)
10:30-10:45	The Very Early Phase Hemodynamics of Hepatocellular Carcinoma Using Contrast-Enhanced Ultrasonography with Sonazoid	Akiko Saito (Japan)	Pei-Ming Yang (Taiwan)
10:45-11:00	CEUS & Fusion & Interventional US: Symbiotic Triplets or Useless Gadgets?	Christian Pállson Nolsøe (Denmark)	
11:00-11:15	US-US Overlay Fusion Imaging in the Evaluation of Treatment Response After RFA	Masatoshi Kudo (Japan)	
11:15-11:30	CEUS for Pancreatobiliary Diseases	Masatoshi Kudo (Japan)	Huixiong Xu (Chinese Mainland)
11:30-11:45	CEUS of Problematic Renal Masses: Comparison with CECT and CEMRI	Seung Hyup Kim (South Korea)	Akiko Saito (Japan)
11:45-12:00	Artificial Intelligence for Liver CEUS: the Initial Experience	Huixiong Xu (Chinese Mainland)	
12:00-12:15	Contrast-Enhanced Ultrasonography: the Experience of Peking University Cancer Hospital	Jung-Chieh Lee (Chinese Mainland)	
12:15-13:15	Luncheon Symposium		

Free Paper (9-min oral + 5-min Q&A)			(Room 201BC, 2F)
13:30-13:44	Contrast Enhanced Ultrasound Liver Imaging Reporting and Data System Version 2016: Application of the Diagnostic Algorithm and Feedback on 1,773 Liver Lesions	Wei Zheng (Chinese Mainland)	Ja-Der Liang (Taiwan) Ligang Cui (Chinese Mainland) Chiung-Nien Chen (Taiwan)
13:45-13:59	Vessel Classification Using Ultrasound Contrast Imaging	Vassilis Sboros (United Kingdom)	
14:00-14:14	Indocyanine Green Loaded Magnetic Plga Nanoparticles Encapsulated with Liquid Perfluorocarbon for Multimodal Imaging - Guided Photothermal Tumor Ablation	Chengcheng Niu (Chinese Mainland)	
14:15-14:29	Contrast Enhanced Ultrasound (CEUS) Assessment of Normothermic Ex Situ Perfusion Demonstrates Improved Liver Arterial Resistance	Andrew McNeill (United Kingdom)	
14:30-14:44	Ceus Can be Used to Assess Lesions which are of Intermediate Probability or Probable for HCC on Contrast Enhanced CT/MRI	Zehao Tan (Singapore)	
14:45-14:59	A Revised Li-Rads Classifications for Contrast-Enhanced Ultrasound in Assessing Focal Liver Lesions by Comparison with Cect	Yuan Fang Lai (Chinese Mainland)	
15:00-15:30	Coffee Break		
Live Demonstration			(Room 201BC, 2F)
15:30-17:00	Contrast Enhanced Ultrasound Application in Liver	Yi-Chen Lai (Taiwan)	Yi-Hong Chou (Taiwan) Hong-Jen Chiou (Taiwan)
17:00-17:20	Discussion	Yung-Hui Lin (Taiwan) Hsin-Kai Wang (Taiwan)	

2017/10/15 (W7) Track 5: Echocardiography

Time	Topic	Speaker	Moderator
Symposium (4): Echo in Congenital Heart Disease			(Room 103, 1F)
08:30-08:45	The Role of 3D Echocardiography in Congenital Heart Disease	Satoshi Yasukochi (Japan)	Ka-li KWOK (Hong Kong) Jiunn-Ren Wu (Taiwan) Kun-Jing Feng (Chinese Mainland)
08:45-09:00	Tips and Tricks of TEE in CHD Intervention	Shen-Kou Tsai (Taiwan)	
09:00-09:15	Coronary Imaging Evaluation in Acute Kawasaki Disease	Kai-Sheng Hsieh (Taiwan)	
09:15-09:30	Echocardiography in the Diagnosis of Neonatal Critical Heart Disease	Fang-Yun Wang (Chinese Mainland)	
09:30-09:45	Echocardiography in Emergency and Critical Care in Children	Ka-li KWOK (Hong Kong)	
09:45-10:00	Q & A		
10:00-10:30	Coffee Break		
Symposium (5): Echo in Peripheral Vascular Disease			(Room 103, 1F)
10:30-10:45	Pre-EVT Evaluation, Intra-EVT Guidance, Post-EVT Follow-Up of Duplex Ultrasound for Low Extremity Arterial Disease (LEAD)	Hsun-Li Huang (Taiwan)	Kenichi Fujii (Japan) Chander V Vanjani (India) Hsun-Li Huang (Taiwan)
10:45-11:00	Role of Intravascular Ultrasound in Percutaneous Vascular Intervention	Kenichi Fujii (Japan)	
11:00-11:15	Echo Doppler in Carotid Artery Disease	Chander V Vanjani (India)	
11:15-11:30	Color Doppler Assessment of Upper Limb Arteries	Sudheer Gokhale (France)	
11:30-11:45	Peripheral Venous Color Doppler and Laser Treatment for Varicose Veins	Chander Lulla (India)	
11:45-12:00	Q & A		
12:15-13:15	Luncheon Symposium		
Symposium (6): Echo-Doppler in Left Heart Evaluation			(Room 103, 1F)
13:30-13:43	Automated Adaptive Analysis Algorithm for Left Heart	Alex Lee (Hong Kong)	Alex Lee (Hong Kong) Jingping Sun (Hong Kong) Lung-Chun Lin (Taiwan)
13:43-13:56	Volumetric Analysis Versus Deformation Imaging in Assessing Left Ventricular Function	Lung-Chun Lin (Taiwan)	
13:56-14:09	Extracorporeal Cardiac Shock Wave Therapy(CSWT) in Patients with Severe Coronary Artery Disease(CAD) Unsuitable for Percutaneous Coronary Intervention (PCI) and Coronary Artery Bypass Graft Surgery (CABG) Guided by Echocardiography	Morgan Fu (Taiwan)	
14:09-14:22	The Clinical and Research Applications of Speckle Tracking Echocardiography	Jingping Sun (Hong Kong)	
14:22-14:35	The Role of Left Atrium	Wei-Chuan Tsai (Taiwan)	
14:35-14:48	Three-Dimensional Speckle Tracking Echocardiography for Assessment of Right Ventricular Morphological Changes and Dysfunction on Long-term Lymphoma Survivors Received Anthracycline Therapy	Leilei Cheng (Chinese Mainland)	
14:48-15:00	Q & A		

15:00-15:30	Coffee Break		
Symposium (7): Echo-Doppler in Right Heart Evaluation (Room 103, 1F)			
15:30-15:45	Three-Dimensional Echocardiography-Derived Non-Invasive Right Ventricular Pressure-Volume Analysis	Kuan-Chih Huang (Taiwan)	Masaaki Takeuchi (Japan)
15:45-16:00	Is Echocardiographic Assessment Right Ventricular Function Routinely Performed?	Masaaki Takeuchi (Japan)	
16:00-16:15	New Insights About the Pathophysiology of Functional Tricuspid Regurgitation by 3D Echocardiography	Luigi P Badano (Italy)	Yiu-Fai Cheung (Hong Kong)
16:15-16:30	Assessment of Functional Tricuspid Regurgitation	Luigi P Badano (Italy)	Fen-Chiung Lin (Taiwan)
16:30-16:45	Ultrasound Assessment of Right Ventricular Function in Pediatric Heart Disease	Yiu-Fai Cheung (Hong Kong)	
16:45-17:00	Q & A		

2017/10/15 (W7) Track 6: Education of COE

Time	Topic	Speaker	Moderator
Symposium			(Joy Lounge, 4F)
13:30-13:36	Introduction of WFUMB COE	Byung Ihn Choi (South Korea)	Yi-Hong Chou (Taiwan)
13:36-13:42	Current Status of WFUMB COE in Bangladesh	Kanu Bala (Bangladesh)	
13:42-13:48	Current Status of WFUMB COE in Uganda	Michael Kawooya (Uganda)	
13:48-13:54	Current Status of WFUMB COE in Venezuela	Leandro Fernández (Venezuela)	
13:54-14:00	Current Status of WFUMB COE in Romania: 10 Years Experience like a WFUMB COE	Ioan Sporea (Romania)	Christian Pállson Nolsøe (Denmark)
14:00-14:06	Current Status of WFUMB COE in Indonesia	Daniel Makes (Indonesia)	Byung Ihn Choi (South Korea)
14:06-14:12	Basic US Training for Primary Health Care Practitioners in Mongolia	Sonin Sodov (Mongolia)	
14:12-14:18	Current Status of WFUMB COE in Nigeria	Kofo Soyebi (Nigeria)	
14:18-14:24	Current Status of WFUMB COE in Kenya	Sudhir Vinayak (Kenya)	
14:24-14:42	Discussion for Current Problems		Yi-Hong Chou (Taiwan)
14:42-14:48	Future Plans of WFUMB COE	Christian Pállson Nolsøe (Denmark)	Byung Ihn Choi (South Korea)
14:48-14:54		Odd Helge Gilja (Norway)	
14:54-15:00		Dieter Nürnberg (Germany)	

2017/10/15 (W7) Track 6: Education in Medical Ultrasound

Time	Topic	Speaker	Moderator
Free Paper (9-min oral + 5-min Q&A)			(Joy Lounge, 4F)
15:30-15:44	The Application of Objective Structured Clinical Examination (OSCE) in Radiological Technology - Assessment of the Performance in Abdominal Ultrasonography	San-Kan Lee (Taiwan)	Lyndal Macpherson (Australia) Ming-Jui Hung (Taiwan)
15:45-15:59	Increasing Medical Student's Skills by Liver Ultrasound Simulation	Mirela Gliga (Romania)	
16:00-16:14	Improvement of Primary Healthcare System Using Wireless Mobile Ultrasound Device: Example of Koica-Cts Program in Vietnam	Dong Hoon Jung (South Korea)	
16:15-16:29	Work-Related Repetitive Use Injuries in Ultrasound Fellows	Keziah Sully (United States)	
16:30-16:44	Can a Sonographer Successfully Teach in Outreach Program?	Ya-Chiao Hu (Taiwan)	

2017/10/15 (W7) Track 7: Elastography

Time	Topic	Speaker	Moderator
Free Paper (9-min oral + 5-min Q&A)			(Room 201F, 2F)
15:30-15:44	Real-Time Elastography for the Diagnosis of Liver Fibrosis in Chronic Hepatitis B	Xi Chen (Chinese Mainland)	Cheng-Yuan Peng (Taiwan) Tsung-Hui Hu (Taiwan)
15:45-15:59	How Shear Wave is Generated by Acoustic Radiation Force and Propagates in Kidney	Yuko Kanayama Japan	
16:00-16:14	Combination of Strain and Shear - Wave Elastography Can Reduce the Unnecessary Biopsy of Breast Lesions	Jing Han (Chinese Mainland)	
16:15-16:29	Evaluation of Liver Ablation Using Two-Dimensional Shear-Wave Elastography in the Rabbit Liver Model	Liya Su (Chinese Mainland)	
16:30-16:44	Association between Preoperative Us, Elastography Features and Prognostic Factors of Papillary Thyroid Cancer with Brafv600E Mutation	Junmei Xu (Chinese Mainland)	
16:45-16:59	Use of Acoustic Radiation Force Impulse Elastography to Predict Acute Pancreatitis: A Case-Control Study	Kaun-Chih Chen (Taiwan)	

2017/10/15 (W7) Track 8: Emergency and Critical Care Ultrasound

Time	Topic	Speaker	Moderator
Symposium			(Room 201F, 2F)
08:30-08:45	Advanced Eco-FAST. Beyond the FAST	Jorge Rabat Salgh (Venezuela)	Wan-Ching Lien (Taiwan) Michael Blaivas (United States) Adrian Goudie (Australia)
08:45-09:00	Ultrasound Guided Resuscitation Pathways in the Critically Ill Patient	Michael Blaivas (United States)	
09:00-09:15	Focused Ultrasound in the Peri-Arrest Setting	Adrian Goudie (Australia)	
09:15-09:30	SEARCH (Sonographic Evaluation of Aetiology for Respiratory Difficulty, Chest Pain, or Hypotension) for 9Es	Young Rock Ha (South Korea)	
09:30-09:45	US in Detection and Differentiation of Ileus	Dieter Nürnberg (Germany)	
09:45-10:00	The US-CAB Protocol during Resuscitation	Wan-Ching Lien (Taiwan)	
10:00-10:30	Coffee Break		
10:30-10:45	A Common Misunderstanding in Lung Ultrasound-the Comet Tail Artifact	Francis Lee (Singapore)	Dieter Nürnberg (Germany) Yueh-Ping Liu (Taiwan) Harvey Nisenbaum (United States)
10:45-11:00	Ultrasound Guided Interventions – Evidence Based EFSUMB Guidelines	Christoph F. Dietrich (Germany)	
11:00-11:15	Prehospital Ultrasound	Jen-Tang Sun (Taiwan)	
11:15-11:30	Gas as a Sign of Critical Illness in Abdominal Diseases	Dieter Nürnberg (Germany)	
11:30-11:45	Ultrasound Integration into Medical School Curriculum	Harvey Nisenbaum (United States)	
11:45-12:00	Future Directions of Ultrasound in Acute Care Medicine	Yueh-Ping Liu (Taiwan)	
12:15-13:15	Luncheon Symposium		
Free Paper (9-min oral + 5-min Q&A)			
			(Room 201F, 2F)
13:30-13:44	Sonographic Findings of a Dermoid Cyst in a 15-Year-Old Girl	Yueh-Ping Liu (Taiwan)	Jen-Tang Sun (Taiwan) Young Rock Ha (South Korea) Francis Lee (Singapore)
13:45-13:59	Bilateral Pulmonary Embolism Diagnosed by Emergency Department Physician Using Bedside Echocardiography in a Nstemi Case	Henry Kam-Hong Cheng (Taiwan)	
14:00-14:14	Early Detection of Superior Mesenteric Artery Dissection by Ultrasound: Two Case Reports	Chun-Yen Huang (Taiwan)	
14:15-14:29	Use Point of Care Sonography (POCUS) for Rapid Screening Subacute Lead Perforation	Chia-Ching Chen (Taiwan)	
14:30-14:44	Bedside Ultrasound in Intensive Care Unit (ICU): Impact of Size, Image Quality and Boot Time	Thomas Amelang (Germany)	

2017/10/15 (W7) Track 10: Fetal Echocardiography

Time	Topic	Speaker	Moderator
Symposium		(Room 105, 1F)	
08:30-08:45	Fetal CHD-An Ethical Dilemma	Kai-Sheng Hsieh (Taiwan)	Yiu-Fai Cheung (Hong Kong)
08:45-09:00	Fetal Coarctation of Aorta	T.L.N. Praveen (India)	
09:00-09:15	How Has Fetal Echocardiography Shaped the Practice of Pediatric Cardiology?	Yiu-Fai Cheung (Hong Kong)	
09:15-09:30	Insight into the Genetic Relevance of Congenital Heart Defects	Jin-Chung Shih (Taiwan)	Kai-Sheng Hsieh (Taiwan)
09:30-09:45	Guidelines for Fetal Cardiac Imaging	Mark Sklansky (USA)	
09:45-10:00	How to Detect a Case with Total Anomalous Pulmonary Venous Connection by Fetal Screening?	Satoshi Yasukochi (Japan)	
10:00-10:30	Coffee Break		
10:30-10:45	Ventricular Septal Defects-Why Are They Missed?	Greggory DeVore (USA)	Satoshi Yasukochi (Japan)
10:45-11:00	How to Assess Fetal Rhythm?	Satoshi Yasukochi (Japan)	
11:00-11:15	Fetal Cardiac and Pericardial Tumors	Tuangsit Wataganara (Thailand)	
11:15-11:30	Outcome After Newborn of Prenatally Diagnosed Congenital Heart Block with Postnatal Pacemaker Implantation	An-Shine Chao (Taiwan)	An-Shine Chao (Taiwan)
11:30-11:45	Fetal Arrhythmias: Diagnosis and Management Made Easy	Mark Sklansky (USA)	
11:45-12:00	DORV - Double Outlet Right Ventricle	T.L.N. Praveen (India)	
12:15-13:15	Luncheon Symposium		
13:30-13:45	Fetal Heterotaxy Syndrome	Mark Sklansky (USA)	Gwang Jun Kim (South Korea)
13:45-14:00	Intracardiac Shunts	Gwang Jun Kim (South Korea)	
14:00-14:15	Does Fetal Intervention Make a Difference of Postnatal Outcome?	Satoshi Yasukochi (Japan)	
14:15-14:30	Arch Anomalies: from First Trimester to Postnatal Management	Ming-Ren Chen (Taiwan)	Ming-Ren Chen (Taiwan)
14:30-14:45	Outflow Tract Abnormalities: Overview	Mark Sklansky (USA)	
14:45-15:00	Three Vessel Trachea View Its Relevance in Fetal Cardiac Evaluation	T.L.N. Praveen (India)	
15:00-15:30	Coffee Break		
15:30-15:45	The Four Chamber View	Nitin Chaubal (India)	Tuangsit Wataganara (Thailand)
15:45-16:00	Fetal Cardiac Evaluation	T.L.N. Praveen (India)	
16:00-16:15	CMA Application in Congenital Heart Defect	Ching-Hua Hsiao (Taiwan)	
16:15-16:30	National Registry of Fetal Echocardiography in Japan	Satoshi Yasukochi (Japan)	Po-Jen Cheng (Taiwan)
16:30-16:45	Sonographic Screening of Fetal Venous Malformations	Gwang Jun Kim (South Korea)	
16:45-17:00	Segmental Approach to Congenital Heart Disease	Mark Sklansky (USA)	

2017/10/15 (W7) Track 11: Gynecologic/Obstetric Ultrasound

Time	Topic	Speaker	Moderator
Image of Uterus and Application of Ultrasound Imaging in the Treatment of Uterine Diseases			(Room 102, 1F)
08:30-08:45	Should 3D Be Part of a Routine OB/GYN Ultrasound Exam?	Jacques Abramowicz (United States)	Jacques Abramowicz (United States)
08:45-09:00	Pelvic Doppler- Exploring Newer Indications	Bhupendra Ahuja (India)	
09:00-09:20	Three-Dimensional (3D) Sonography in Gynecology	Ho-Yen Chueh (Taiwan)	
09:20-09:40	Use of 3D Transvaginal Ultrasound in Prediction of the Need To Morcellate in Women Undergoing Laparoscopic Hysterectomy	George Condous (Australia)	Cherng-Jye Jeng (Taiwan)
09:40-10:00	Non-Surgical Treatment for Symptomatic Uterine Fibroids	Peng-Hui Wang (Taiwan)	
10:00-10:30	Coffee Break		
Adnexal Lesions			(Room 102, 1F)
10:30-10:45	US Appearances of Ovarian Cystic Teratoma: Revisited with CT/MRI Comparison	Seung Hyup Kim (South Korea)	Seung Hyup Kim (South Korea) (10:30-11:30)
10:45-11:00	Ectopic Endometrium – Spectrum of Ultrasound Findings	Bhupendra Ahuja (India)	
11:00-11:20	The Application of Ultrasound in Müllerian Duct Anomaly	Meng-Hsing Wu (Taiwan)	
11:20-11:40	Systematic Approach To Sonographic Evaluation of the Pelvis in Women with Suspected Endometriosis: A Consensus Opinion from the International Deep Endometriosis Analysis (IDEA) Group	George Condous (Australia)	Hsing-Ming Wu (Taiwan)
11:40-12:00	Detecting Endometriosis in Adolescents	Hsing-Ming Wu (Taiwan)	
12:15-13:15	Luncheon Symposium		
Ultrasound Imaging in Female Pelvic Floor Dysfunction			(Room 102, 1F)
13:30-13:45	A Longitudinal Follow-Up of Pelvic Floor Biometry: Factors Affecting It	Symphorosa Chan (Hong Kong)	Symphorosa Chan (Hong Kong)
13:45-14:00	Levator Ani Muscle Avulsion Is a Risk Factor for Vaginal Pessary Expulsion	Rachel Cheung (Hong Kong)	
14:00-14:20	The Relationship Between Pelvic Examination and Ultrasound Finding in Patient with Pelvic Floor Dysfunction	Jenn-Ming Yang (Taiwan)	
14:20-14:40	Evaluation of Stress Urinary Incontinence by Pelvic Ultrasound before and After Operation	Masayoshi Jimmy Nomura (Japan)	Ching-Chung Liang (Taiwan)
14:40-15:00	Ultrasound Images in Visualization of Vaginal Synthetic Grafts After Pelvic Reconstructive Surgery	Wen-Chen Huang (Taiwan)	
15:00-15:30	Coffee Break		

Complications of Pregnancy			(Room 102, 1F)
15:30-15:45	How to Keep Ultrasound Safe in Obstetrics? What Have We Learned?	Jacques Abramowicz (United States)	Susan Campbell Westerway (Australia) Liang-Ming Ho (Taiwan)
15:45-16:00	Analysis of Training Formats for Point of Care Obstetrics in the Third Trimester of Pregnancy	Susan Campbell Westerway (Australia)	
16:00-16:20	Predictive Factors for Intrauterine Growth Restriction in the First Trimester	Chen-Yu Chen (Taiwan)	
16:20-16:40	The Implementation of Precision Medicine into Prenatal Diagnosis of Abnormally Invasive Placenta	Min-Min Chou (Taiwan)	
16:40-17:00	Umbilical Cord Stem Cell Cloning and Uses in Pre-Immune Embryos to Prevent Inherited Disorders of Childhood: Hypothesis Driven Studies	Joaquin Santolaya-Forgas (United States)	

2017/10/15 (W7) Track 12: General and Abdominal Ultrasound

Time	Topic	Speaker	Moderator
Focal Liver Lesion			(Banquet Hall, 3F)
08:30-08:50	Recall Strategies for Patients Found to Have a Nodule in Cirrhosis: Is There Still a Role for CEUS?	Vito Cantisani (Italy)	Vito Cantisani (Italy)
08:50-09:10	The Use of Contrast Enhanced US in Interventional Application of Liver	Torben Lorentzen (Denmark)	
09:10-09:30	Ultrasound-Based Liver Fat Quantification	Jae Young Lee (South Korea)	Wei-Wen Su (Taiwan)
09:30-09:50	CEUS in the Diagnosis and Treatment for Malignant Liver Tumors	Masatoshi Kudo (Japan)	Masatoshi Kudo (Japan)
09:50-10:10	Discussion		
10:10-10:30	Coffee Break		
Liver Intervention and Liver Vascular			(Banquet Hall, 3F)
10:30-10:50	Advances in US-Guide RFA	Hyunchul Rhim (South Korea)	Christoph F. Dietrich (Germany)
10:50-11:10	US-Guide Microwave and Radiofrequency Ablation for Liver Tumors	Yi-You Chiou (Taiwan)	
11:10-11:30	Ultrasound Evaluation of the Hepatic Vasculature and Liver Disease	Ulrike Hamper (United States)	Yi-Hong Chou (Taiwan)
11:30-11:50	Vascular Phases in Imaging and Their Role in Focal Liver Lesions Assessment	Christoph F. Dietrich (Germany)	Shi-Ming Lin (Taiwan)
11:50-12:10	Discussion		
12:15-13:15	Luncheon Symposium		
Free Paper (9-min oral + 5-min Q&A)			(Banquet Hall, 3F)
13:30-13:44	The Effectiveness of Noninvasive Transabdominal Ultrasound Evaluation in the Diagnosis of Sinusoidal Obstruction Syndrome after Hematopoietic Stem Cell Transplantation	Mutsumi Nishida (Japan)	Mukhtar Alam Ansari (Nepal)
13:45-13:59	Measurement of Ultrasound Attenuation for Quantifying Amount of Fat in Chronic Liver Disease	Takuma Oguri (Japan)	
14:00-14:14	Sonography of Inflammatory Bowel Disease (IBD) in Early State of Ultrasound Knowledge - Reasonable or Intimidating?	Thomas Amelang (Germany)	Harjanto Sidharta (Indonesia)
14:15-14:29	Real-Time Fusion Imaging of Ultrasound and CT for Chest Wall Liposarcoma via Automatic Liver Registration as an Anchor	Shen-Yung Wang (Taiwan)	Walailak Chaiyasoot (Thailand)
14:30-14:44	Algorithmic Approaches to the Diagnosis of Gallbladder Intraluminal Lesions on Ultrasonography	Chia-Hung Wu (Taiwan)	
14:45-14:59	Utility of Endoanal Ultrasound In Evaluation of Patients with Anorectal Abscess	Hae Jeong Jeon (South Korea)	
15:00-15:30	Coffee Break		

15:30-15:44	Local Phase-Based Anisotropic Diffusion for Speckle Reduction	Hai Zhang (Chinese Mainland)	Kuan-Yang Chen (Taiwan) Chia-Yuan Liu (Taiwan)
15:45-15:59	Sonographic Findings of Xanthogranulomatous Cholecystitis : A Pictorial Review	Tan Gaik Mooi (Singapore)	
16:00-16:14	Diagnosis of Pancreatic Neuroendocrine Tumors with Endoscopic Ultrasound - A Rare Case of Multiple Endocrine Neoplasia Type 1 (Men-1 Syndrome)	Chen-Wang Chang (Taiwan)	
16:15-16:29	Spectrum of Ultrasound Findings of Premalignant Cholangiocarcinomas	Surachate Siripongsakun (Thailand)	
16:30-16:44	Pancreas Ultrasound among Young Adult Diabetes Melitus Type II with Abdominal Tuberculosis	Maria Goretti Ametembun (Indonesia)	
16:45-16:59	Is There Consensus among Sonographers and Radiologists in Grading Fatty Liver Disease and Detecting Liver Pathological Features in B-Mode Images?	David Sheng-Liang Yang (Australia)	

2017/10/15 (W7) Track 14: Interventional, Perioperative, Anesthesiologic Ultrasound

Time	Topic	Speaker	Moderator
Keynote Speech on Truncal Ultrasound			(VIP Room, 4F)
08:30-08:45	Bi-Planar Ultrasound Imaging and Its Role for Central Neuraxial Blocks	Manoj Kumar Karmakar (Hong Kong)	Chih-Peng Lin (Taiwan)
08:45-09:00	Diagnostic and Interventional Ultrasound for Head and Neck Pain	Chia-Shiang Lin (Taiwan)	Manoj Kumar Karmakar (Hong Kong) Chih-Peng Lin (Taiwan)
09:00-09:15	Pecs Block and Serratus Plane Blocks. How to Explain Fascial Compartments	Rafael Blanco (UAE)	Jui-An Lin (Taiwan) Shibata Yasuyuki (Japan)
09:15-09:30	Adventure on VATS Block	Jui-An Lin (Taiwan)	Chia-Shiang Lin (Taiwan) Tatsuo Nakamoto (Japan)
09:30-09:45	Parasternal Intercostal Nerve Block	Shibata Yasuyuki (Japan)	Chih-Peng Lin (Taiwan) Rafael Blanco (UAE)
09:45-10:00	Usefulness of Shamrock View for Deep Nerve Blocks	Tatsuo Nakamoto (Japan)	Jui-An Lin (Taiwan) Shibata Yasuyuki (Japan)
10:00-10:30	Coffee Break		
Live Demonstration and Panel Discussion on Truncal Ultrasound			(VIP Room, 4F)
10:30-10:45	Biplanar Ultrasound Imaging and Its Role for Central Neuraxial Blocks	Manoj Kumar Karmakar (Hong Kong)	Chia-Shiang Lin (Taiwan) Manoj Kumar Karmakar (Hong Kong)
10:45-11:00	Diagnostic and Interventional Ultrasound for Head and Neck Pain	Chia-Shiang Lin (Taiwan)	
11:00-11:15	Pecs Block and Serratus Plane Blocks. How to Explain Fascial Compartments	Rafael Blanco (UAE)	
11:15-11:30	Parasternal Intercostal Nerve Block	Shibata Yasuyuki (Japan)	
11:30-11:45	Usefulness of Shamrock View for Deep Nerve Blocks	Tatsuo Nakamoto (Japan)	
11:45-12:00	Track the Tiny Strings: Live Scanning of Small Truncal Nerves including Phrenic nerve, Dorsal Scapular Nerve, Suprascapular Nerve, Iliohypogastric & Ilioinguinal Nerve	Chih-Peng Lin (Taiwan)	

2017/10/15 (W7) Track 15: Musculoskeletal Ultrasound

Time	Topic	Speaker	Moderator
Symposium		(VIP Room, 4F)	
13:30-14:00	WFUMB Guidelines for Clinical Use of Ultrasound Elastography - Basic Principles and Terminology	Tsuyoshi Shiina (Japan)	Chueh-Hung Wu (Taiwan)
14:00-14:30	Elastography: Applications in Skeletal Muscles	Gi-Young Park (South Korea)	
14:30-15:00	Elastography: Applications in Peripheral Nerves	Hideaki Miyamoto (Japan)	Tsuyoshi Shiina (Japan)
15:00-15:30	Coffee Break		
15:30-16:00	Elastography: Applications in Tendon, Ligament and Fascia	Chueh-Hung Wu (Taiwan)	Tyng-Guey Wang (Taiwan)
16:00-16:30	Elastography: Applications in Superficial Soft Tissue Tumors	Nitin Chaubal (India)	Gi-Young Park (South Korea)
16:30-17:00	Discussion		

2017/10/15 (W7) Track 17: Neurosonology

Time	Topic	Speaker	Moderator
Symposium		(Room 201A, 2F)	
08:30-08:50	Carotid Duplex Ultrasound Studies in Head and Neck Cancer Patients after Radiation Therapy	Chi-Hung Liu (Taiwan)	Zhen-Ni Guo (Chinese Mainland)
08:50-09:10	Clinical Studies of Cerebral Autoregulation in Neurological Diseases	Zhen-Ni Guo (Chinese Mainland)	Yung-Yang Lin (Taiwan)
09:10-09:30	A Recently Established Network for Clinical Stroke Trials in Japan	Masatoshi Koga (Japan)	Tsong-Hai Lee (Taiwan)
09:30-09:50	Sonothrombolysis	Jose C. Navarro (Philippines)	Masatoshi Koga (Japan)
10:00-10:30	Coffee Break		
12:15-13:15	Luncheon Symposium		
13:30-14:00	Ultrasound Technique to Detect Internal Jugular Valve Incompetence and Clinical Implications	Disya Ratanakorn (Thailand)	Tsong-Hai Lee (Taiwan)
14:00-14:30	Right-To-Left Shunt and Migraine	Ying-Qi Xin (Chinese Mainland)	Jose C. Navarro (Philippines)
14:30-15:00	Progression or Regression of Intracranial or Extracranial Arterial Stenosis: Role of Ultrasound	Yong Seok Lee (South Korea)	Giia-Sheun Peng (Taiwan)
15:00-15:30	Coffee Break		
15:30-16:00	Cerebral Hemodynamics in Carotid or Intracranial Disease	Vijay K Sharma (Singapore)	Lung Chan (Taiwan)
16:00-16:30	Dynamic Cerebral Autoregulation Assessment Using Extracranial Carotid Artery Doppler Ultrasonography and Real Time Analysis System	Nai-Fang Chi (Taiwan)	Ke Han (Chinese Mainland)
16:30-17:00	Ultrasound Examination of Venous Outflow Impairment and It's Increase of the Intracranial Pressure	Ke Han (Chinese Mainland)	Pi-Shan Sung (Taiwan)

2017/10/15 (W7) Track 18: Pediatric Ultrasound

Time	Topic	Speaker	Moderator
Free Paper (9-min oral + 5-min Q&A)			(Elegance Lounge, 4F)
08:30-08:44	Segmental Heterogeneity of Liver Fibrosis in a Biliary Atresia Patient after Kasai Surgery: Findings on Ultrasound and Shearwave Elastography	Xiaoju Li (Chinese Mainland)	Chun-Yan Yeung (Taiwan) Hsun-Chin Chao (Taiwan)
08:45-08:59	The Value of Clinical and Ultrasound Features for the Diagnosis of Infantile Hepatic Hemangioendothelioma: Comparison with Contrast-Enhanced CT/MRI	Ming Xu (Chinese Mainland)	
09:00-09:14	Percutaneous Ultrasound-Guided Cholecystocholangiography with Micro-Bubbles to Early Exclude Biliary Atresia and Relieve Cholestasis for Infants with Gallbladder>1.5 cm in Length: A Pilot Study	Luyao Zhou (Chinese Mainland)	
09:15-09:29	Two-Dimensional Shear Wave Elastography in Pediatrics: A Focus on Examiner Experience	Alina Popescu (Romania)	
09:30-09:44	Normal Liver Stiffness Values in Children Using a Two-Dimensional Shear Wave Technique	Alina Popescu (Romania)	
09:45-09:59	A Rare Case of Primary Intestinal Lymphangiectasia in Children: Case Report in Malaysia	Yin Eie Teo (Malaysia)	
10:00-10:30	Coffee Break		
Symposium (3)			(Elegance Lounge, 4F)
10:30-11:00	The Role of Doppler Ultrasound in Renal Imaging	Ulrike Hamper (USA)	Ulrike Hamper (USA) Kai-Sheng Hsieh (Taiwan)
11:00-11:30	Isolated Neonatal Ductus Arteriosus Aneurysm	Sheng-Ling Jan (Taiwan)	
11:30-12:00	Pediatric Abdominal Pain in the Emergency Department	Adrian Goudie (Australia)	
12:15-13:15	Luncheon Symposium		
Symposium (4)			(Elegance Lounge, 4F)
13:30-13:45	Ultrasound in Pediatric Focal Liver Lesions	Dagmar Schreiber-Dietrich (Germany)	Adrian Goudie (Australia) Che-Sheng Ho (Taiwan)
13:45-14:00	Role of Ultrasound in Evaluation of Pediatric Scrotal Lesions	Panditi Surekh (India)	
14:00-14:15	Capacity Building in Transcranial Doppler Screening in Sickle Cell Disease Related-Stroke Prevention in Children in Nigeria	Kofo Soyebi (Nigeria)	
14:15-14:30	Findings in Transcranial Doppler in children with Sickle Cell Disease in Nigeria	Kofo Soyebi (Nigeria)	
14:30-14:45	Transfontanelle Ultrasonography Versus Computed Tomography in the Evaluation of Intracranial Abnormalities in Preterm and Low Birth Weight Neonates in Lagos, Nigeria	Kofo Soyebi (Nigeria)	
14:45-15:00	Shear Wave Elastography in Children	Dagmar Schreiber-Dietrich (Germany)	

2017/10/15 (W7) Track 20: Therapeutic Ultrasound

Time	Topic	Speaker	Moderator
Novel Applications of Therapeutic US			(North Lounge, 3F)
08:30-09:00	Sonobactericide - An Adjunct Therapy for Infective Endocarditis: An In Vitro Proof-of-Concept	Christy K. Holland (USA)	Hao-Li Liu (Taiwan) Mike Averkiou (USA)
09:00-09:30	The Immunological Effects of Therapeutic Ultrasound	Gail ter Haar (United Kingdom)	
09:30-10:00	Real-Time Cavitation Control for Enhancing In-Vitro Gene Transfection	Claude Inserra (France)	
10:00-10:30	Coffee Break		
Free Paper (9-min oral + 5-min Q&A)			(North Lounge, 3F)
10:30-10:44	Study of Biological Effects of Standing Wave Focused Ultrasound	Faqi Li (Chinese Mainland)	Christy K. Holland (USA) Chih-Kuang Yeh (Taiwan)
10:45-10:59	Temporal and Spatial Resolved Observation of Bubble Cavitation Signal by Holographic Image Reconstruction	Ren Koda (Japan)	
11:00-11:14	Prevention of Doxorubicin Induced Cardiomyopathy after Delivery of Modified Acidic Fibroblast Growth Factor by Using Ultrasound-Targeted Microbubble Destruction: A Preliminary Experimental Study	Xinqiao Tian (Chinese Mainland)	
11:15-11:29	Ultrasound Guided Radiofrequency Ablation of Peritoneal Implantation after Resection of Hepatocellular Carcinoma	Shinn-Cherng Chen (Taiwan)	
11:30-11:44	A Multifunctional Theranostic Nanoagent for Dual-Mode Image-Guided Hifu/Chemo-Synergistic Cancer Therapy	Nan Zhang (Chinese Mainland)	
11:45-11:59	Focused Ultrasound Treatment Promotes Nerve Regeneration in RAT	Dong Hwee Kim (South Korea)	
12:00-12:14	Focused Shockwave Induced Blood-Brain Barrier Opening	Yi Kung (Taiwan)	
12:15-13:15	Luncheon Symposium		
CNS Application of Therapeutic US			(North Lounge, 3F)
13:30-14:00	Localized Image-Guided Drug Delivery into the Brain Using Novel Transmit/Receive Ultrasound Phased Arrays	Kullervo Hynynen (Canada)	Gail ter Haar (United Kingdom) Ai-Ho Liao (Taiwan)
14:00-14:30	Ultrasonic Neuromodulation: Evidence from Neuron to Animal Model	Hairong Zheng (Chinese Mainland)	
14:30-15:00	Ultrasound Noninvasive Gene Delivery for Parkinson's Disease Treatment	Hao-Li Liu (Taiwan)	
15:00-15:30	Coffee Break		
US-Facilitated Drug Delivery			(North Lounge, 3F)
15:30-16:00	The Impacts of Microbubble-Induced Sonoporation on Cell Membrane Permeability and Cytoskeleton Arrangement	Juan Tu (Chinese Mainland)	Hairong Zheng (Chinese Mainland) Wen-Shiang Chen (Taiwan)
16:00-16:30	High-Resolution Ultrafast Imaging of Microbubble Activity during Sonoporation	Mike Averkiou (USA)	
16:30-17:00	Ultrasound Microbubble Contrast Agents Promote Transdermal Drug Delivery	Ai-Ho Liao (Taiwan)	

2017/10/15 (W7) Track 21: Small Parts & Vascular Ultrasound

Time	Topic	Speakers	Moderator
Refresh Course			(Room 201DE, 2F)
08:30-09:00	Adhesive Capsulitis of the Shoulder	Luis Fernando Chavarría Estrada (Costa Rica)	Luis Fernando Chavarría Estrada (Costa Rica)
09:00-09:30	US of Elbow, Wrist & Hand and Rheumatologic Disease	Haw-Chang Lan (Taiwan)	Yusef Sayeed (United States)
09:30-10:00	Ultrasound-Guided Interventional Procedures in Joint, Nerve, Soft Tissue, and Spine	Yusef Sayeed (United States)	Haw-Chang Lan (Taiwan)
10:00-10:30	Coffee Break		
10:30-11:00	Sonographic Evaluation of Meniscus	Luis Fernando Chavarría Estrada (Costa Rica)	Luis Fernando Chavarría Estrada (Costa Rica)
11:00-11:30	Ultrasound Guided Prolotherapy	Hong-Jen Chiou (Taiwan)	P.K. Srivastava (India)
11:30-12:00	High Resolution Ultrasound of Brachial Plexus	P.K. Srivastava (India)	Ki-Min Yeow (Taiwan)
12:15-13:15	Luncheon Symposium		
13:30-14:00	US-Elastography of Superficial Organs: Update of Current Knowledge	Vito Cantisani (Italy)	Vito Cantisani (Italy)
14:00-14:30	Evaluation of Cervical Lymph Nodes (Duplex Scan and Color Doppler US)	Maria Cristina Chammas (Brazil)	Wilaiporn Bhothisuwan (Thailand)
14:30-15:00	Ultrasonography and Ultrasound-Guided Intervention of Salivary Glands	Yung-Liang Wan (Taiwan)	Ting-Ywan Chou (Taiwan)
15:00-15:30	Coffee Break		
15:30-16:00	Cancer Detection in Human Lymph Nodes Using Quantitative Ultrasound	Jonathan Mamou (United States)	Yung-Liang Wan (Taiwan)
16:00-16:30	Scrotal Ultrasound for Assessment of Pain, Masses and Fertility	Stephen Bird (Australia)	Jonathan Mamou (United States)
16:30-17:00	Ultrasound in the Assessment of Temporomandibular Joint Disorder	Li-Jen Liao (Taiwan)	Stephen Bird (Australia)

Luncheon Symposium

Luncheon Symposium 4	Toshiba Medical Systems Corporation	Sunday, 15 October 2017 12:15-13:15 / 201BC, 2F
New Clinical Insights with Ultra-high Frequency Ultrasound		
Moderator: Wen-Shiang Chen (Taiwan)		
Clinical Benefits of Ultra-high Frequencies in MSK and Small Parts Adrian Lim (United Kingdom)		
Redeining Diagnostic Expectations using next Generation Ultrasound Stephen Bird (Australia)		

Luncheon Symposium 5	HITACHI	Sunday, 15 October 2017 12:15-13:15 / Banquet Hall, 3F
From Diagnosis to Treatment: The New Role of Ultrasound		
Moderator: Kai-Wen Huang (Taiwan)		
“New Trends in Liver Diagnosis: The Combi-Elasto Approach” Masatoshi Kudo (Japan)		
“New RFA Treatment Strategy Made Possible by 3D Sim-Navigator and E-Field Simulator Functions” Masashi Hirooka (Japan)		

Luncheon Symposium 6	AmCad BioMed	Sunday, 15 October 2017 12:15-13:15 / VIP, 4F
Moderator: Yi-Hong Chou (Taiwan)		
How can Computer-Aided Detection and Diagnosis (CAD) Help Reducing Unnecessary FNA and Excessive Surgery for Patients with Thyroid Nodules? Shih-Te Tu (Taiwan)		
World's First CAD Solution for Diagnosis of Thyroid Cancers. Argon Chen (Taiwan)		
World's First Software Device Cleared by FDA to Analyze Tissue Structure by Ultrasound Backscattered Signals Chih-Horng Wu (Taiwan), Argon Chen (Taiwan)		
An Intelligent Ultrasound Device Ergonomically Designed for Echo-guide Intervention Procedures Argon Chen (Taiwan)		



WFUMB 2017 TAIPEI SCIENTIFIC PROGRAM

OCTOBER 16

PROGRAM AT A GLANCE (DAY 4)

Monday, October 16																		
Room	0830 0900	0900 0930	0930 1000	1000 1030	1030 1100	1100 1130	1130 1200	1200 1330	1330 1400	1400 1430	1430 1500	1500 1530	1530 1600	1600 1630	1630 1700	1700 1830	1830 2030	
102	Symposium Gynecologic/ Obstetric Ultrasound (T11)			Coffee Break (101 Exhibition Area)	Symposium Gynecologic/ Obstetric Ultrasound (T11)			Lunch	Symposium Gynecologic/ Obstetric Ultrasound (T11)			Coffee Break (101 Exhibition Area)	Symposium Gynecologic/ Obstetric Ultrasound (T11)			Faculty Dinner (by Invitation)		
103	Free Paper Echocardiography (T5)				Free Paper Echocardiography (T5)				Free Paper Small Parts & Vascular (T21)				Free Paper Small Parts & Vascular (T21)					
105	Free Paper Interventional /perioperative/ Anesthesiologic Ultrasound (T14)				Free Paper Interventional /perioperative/ Anesthesiologic Ultrasound (T14)													
201 A	Free Paper Musculoskeletal Ultrasound (T15)				Free Paper Musculoskeletal Ultrasound (T15)				Symposium Musculoskeletal Ultrasound (T15)				Symposium Musculoskeletal Ultrasound (T15)					
201BC	Symposium Elastography (T7)				Symposium Elastography (T7)				Symposium Elastography (T7)				Symposium Elastography (T7)					
201DE	Symposium Endocrinology Ultrasound (T9)				Symposium Endocrinology Ultrasound (T9)				Free Paper Endocrinology Ultrasound (T9)									
201F	Workshop 2 Fetal Echocardiography (T10)				Workshop 2 Fetal Echocardiography (T10)				Workshop 2 Fetal Echocardiography (T10)				Workshop 2 Fetal Echocardiography (T10)					
3F Banquet Hall	Symposium General and Abdominal Ultrasound (T12)				Symposium General and Abdominal Ultrasound (T12)				Symposium General and Abdominal Ultrasound (T12)				Symposium General and Abdominal Ultrasound (T12)					
3F South Lounge	Free Paper Nephro-/Urologic Ultrasound (T16)				Free Paper Nephro-/Urologic Ultrasound (T16)				Free Paper Otolaryngology & Head Neck Ultrasound (T13)				Free Paper Otolaryngology & Head Neck Ultrasound (T13)					
3F North Lounge	Free Paper ACUCI 2017 TAIPEI (T4)				Free Paper ACUCI 2017 TAIPEI (T4)				Free Paper ACUCI 2017 TAIPEI (T4)				Free Paper ACUCI 2017 TAIPEI (T4)					
4F VIP Room	Symposium Education in Medical Ultrasound (T6)				Symposium Education in Medical Ultrasound (T6)				Symposium Education in Medical Ultrasound (T6)				Symposium Education in Medical Ultrasound (T6)					
4F Elegance Lounge	Global Chinese Ultrasound Forum (T22)				Global Chinese Ultrasound Forum (T22)				Global Chinese Ultrasound Forum (T22)				Global Chinese Ultrasound Forum (T22)					
4F Joy Lounge	Free Paper Breast Ultrasound (T2)				Free Paper Basic Science, Instrumentation, Quality Control and New Tech (T1)													

TRACK OF DAY 4 (OCT 16, W1)

T1- Basic Science, Instrumentation, Quality Control and New Tech	p.110
T2- Breast Ultrasound	p.111
T4- ACUCI 2017 TAIPEI	p.112-113
T5- Echocardiography	p.114
T6- Education in Medical Ultrasound	p.115
T7- Elastography	p.116
T9- Endocrinology Ultrasound	p.117
T10- Fetal Echocardiography Workshop 2	p.118
T11- Gynecologic/Obstetric Ultrasound	p.119
T12-General and Abdominal Ultrasound	p.120
T13- Otolaryngology & Head Neck Ultrasound	p.121
T14-Interventional/perioperative/Anesthesiologic Ultrasound	p.122
T15- Musculoskeletal Ultrasound	p.123-124
T16- Nephro-/Urologic Ultrasound	p.125
T21- Small Part & Vascular Ultrasound	p.126

2017/10/16 (W1) Track 1: Basic Science, Instrumentation, Quality Control and New Tech

Time	Topic	Speaker	Moderator
Free Paper (9-min oral + 5-min Q&A)			(Joy Lounge, 4F)
10:30-10:44	Diagnostic Algorithm of Cystic Echinococcosis in Rural Setting of Mongolia	Bolor Bold (Mongolia)	Iwaki Akiyama (Japan)
10:45-10:59	Strain Elastography System with Quality Control - Auto Strain Ratio System	Kazutaka Nakashima (Japan)	
11:00-11:14	Modeling of the Nonlinear Field Produced by Diagnostic Ultrasound Arrays in Plane Wave Mode	Ting Yu Lai (United States)	
11:15-11:29	Disinfection and Hygiene Practice in Medical Ultrasound: WFUMB Survey Results	Jocelyne Basseal (Australia)	Won Jae Lee (South Korea)
11:30-11:44	Electrode Displacement Strain Imaging for Monitoring Radio-Frequency Ablation	Wan-Hsin Hsieh (Taiwan)	
11:45-11:59	Preparation of Phase-Change Nanodroplets and an Experimental Study	Shiyu Zhang (Chinese Mainland)	

2017/10/16 (W1) Track 2: Breast Ultrasound

Time	Topic	Speaker	Moderator
Free Paper (9-min oral + 5-min Q&A)			(Joy Lounge, 4F)
08:30-08:44	Diagnostic Accuracy of Abus with and without Computer-Aided Detection	Shanling Yang (Chinese Mainland)	Eriko Tohno (Japan) Qingli Zhu (Chinese Mainland) San-Kan Lee (Taiwan)
08:45-08:59	Analysis of Hand Held Ultrasound, Automated Breast Ultrasound System and Mammography in Detecting and Diagnosing Breast Lesions	Guoxue Tang (Chinese Mainland)	
09:00-09:14	Do We Have to Suffer Pain in Breast Exams? -Compare the Pain Between Digital Screening Mammography, Automated Breast Ultrasound and Hand-Held Ultrasound	Shanling Yang (Chinese Mainland)	
09:15-09:29	Silicone Mastopathy: Correlation Between Ultrasound and Computed Tomography Scan Findings in Silicone Injection of Breasts and Gluteal Regions	Ming Huan Cheng (Malaysia)	
09:30-09:44	Twinkling Artifact of Microcalcifications in Breast Ultrasound	Yasuhisa Fujimoto (Japan)	
09:45-09:59	Accurate Measurement of Breast Volume Using Combined Ultrasonographic and Mammographic Parameters by Semi-Ellipsoidal Equation in Median Size Breast	Chia-Hui Chu (Taiwan)	

2017/10/16 (W1) Track 4: ACUCI 2017 TAIPEI

Time	Topic	Speaker	Moderator
Free Paper (9-min oral + 5-min Q&A)			(North Lounge, 3F)
08:30-08:44	Early Prediction of Tumor Response to Bevacizumab Treatment in Murine Colon Cancer Models Using Three-Dimensional Dynamic Contrast-Enhanced Ultrasound Imaging	Jianhua Zhou (Chinese Mainland)	Hsin-Kai Wang (Taiwan) Haw-Chang Lan (Taiwan)
08:45-08:59	Laser-Activatable Gold Particles for Phase Transformation Imaging and Therapy in Metastatic Lymph Nodes	Yang Sun (Chinese Mainland)	
09:00-09:14	Cd105-Loaded Docetaxel Lipid Microbubble Combined with Ultrasound - Triggered Microbubble Destruction for Inhibition of Proliferation of HCC in Vitro and in Vivo	Yue Zhang (Chinese Mainland)	
09:15-09:29	Contrast-Enhanced Ultrasound (CEUS) Determines Supraspinatus Muscle Atrophy after Cuff Repair	Christian Fischer (Germany)	
09:30-09:44	Evaluation of Renal Lesions Using Contrast-Enhanced Ultrasound (CEUS): A 10-Year Retrospective Mono-Center Analysis	Katharina Mueller-Peltzer (Germany)	
09:45-09:59	The Contrast Enhanced Perfusion Pattern and Pathological Changes of Papillary Thyroid Cancer(PTC) and the Correlation with Pathogenesis	Meng Yang (Chinese Mainland)	
10:00-10:30	Coffee break		
10:30-10:44	Feasibility Study of Sonazoid-Enhanced Ultrasound (SEUS) in Therapeutic Response Evaluation after Targeted Therapy in Rabbit Hepatic Vx2 Carcinoma	Su Joa Ahn (South Korea)	Shen-Yung Wang (Taiwan) Lian-Rui Mou (Taiwan) Shinn-Cherng Chen (Taiwan)
10:45-10:59	The Application of Contrast Enhanced Ultrasound for the Characterization of Hepatic Tumors: An Assessment Focusing on Hepatocellular Carcinoma	Ming-Jeng Kuo (Taiwan)	
11:00-11:14	The Feasibility Study of Contrast-Enhanced Us Using a 3D Transducer for Tumor Volume Measurement in Rabbit Hepatic Vx2 Carcinoma Comparison with 2D Us and 3D Us without Contrast: Preliminary Results	Jung Hoon Kim (South Korea)	
11:15-11:29	Clinical Value of Contrast-Enhanced Ultrasound in Differential Diagnosis of Early Hepatocellular Carcinoma and Dysplastic Nodules	Jianmin Ding (Chinese Mainland)	
11:30-11:44	Feasibility of Using 3D Contrast Enhanced Ultrasound Technology to Predict the Treatment Effect of Targeted Drugs-Loaded Thermosensitive Hydrogel Therapy on the Rabbit Vx2 Tumor Model	Jiaying Cao (Chinese Mainland)	
11:45-11:59	Ultrasonographic Differential Diagnosis of Focal Gallbladder Adenomyomatosis and Early Stage Gallbladder Cancer: Value of Conventional Ultrasound Combined with Contrast-Enhanced Ultrasound	Haixia Yuan (Chinese Mainland)	
12:15-13:15	Lunch		

2017/10/16 (W1) Track 4: ACUCI 2017 TAIPEI

Time	Topic	Speaker	Moderator
Free Paper (9-min oral + 5-min Q&A)			(North Lounge, 3F)
13:30-13:44	Detectiono of Pancreatic Carcinoma and Liver Metastases with Contrast-Enhanced Ultrasonography: Comparison with Contrast-Enhanced Multi-Detector Row CT	Miaomiao Zhang (Chinese Mainland)	Chung-Kwe Wang (Taiwan)
13:45-13:59	Perfusion Patterns and Dynamics in Diabetic Nephropathy (DN) Rhesus Monkeys of Renal Parenchyma by Contrast-Enhanced Ultrasound	Hong Wang (Chinese Mainland)	
14:00-14:14	Contrast-Enhanced Ultrasound Evaluation of Chronic Kidney Disease: A Pilot Study	Sung Bin Park (South Korea)	
14:15-14:29	Introduction of Fusion Imaging and Contrast Enhanced Ultrasound (CEUS): The Impact on a Liver Ablation Service	Ben Stenberg (United Kingdom)	
14:30-14:44	Contrast-Enhanced Ultrasound for the Characterization of Malignant Vs. Benign Focal Liver Lesions in a Prospective Multicenter Experience - Srumb Study	Ioan Sporea (Romania)	
14:45-14:59	Multiparametric Ultrasound Algorithm for the Reevaluation of Inconclusive Focal Liver Lesions Evaluated by Contrast Enhanced Ultrasound	Alina Popescu (Romania)	
15:00-15:14	The Application of Image Fusion-Guided Contrast-Enhanced Ultrasonography in Detecting Small Liver Nodules	Xiang Jing (Chinese Mainland)	Xiaoyan Xie (Chinese Mainland)
15:00-15:30	Coffee Break		
15:30-15:44	Contrast-Enhanced Ultrasound Performance in the Evaluation of Focal Nodular Hyperplasia in a Multicenter Study	Ioan Sporea (Romania)	Chang-Hsien Liu (Taiwan)
15:45-15:59	Clinical Value of Ceus in the Diagnosis of Prostate Cancer in Elderly Patients	Dianyuan Lu (Chinese Mainland)	
16:00-16:14	Contrast-Enhanced Ultrasonography of Pancreatic Neuroendocrine Tumor	Yanli Liu (Chinese Mainland)	San-Kan Lee (Taiwan)
16:15-16:29	Usefulness of Contrast-Enhanced Ultrasonography (CEUS) in Differential Diagnosis of Solid or Cystic Renal Masses	Youe Ree Kim (South Korea)	Hui-Xiong Wu (Chinese Mainland)
16:30-16:44	The Diagnostic Value of Contrast Enhanced Ultrasound in Acute Aortic Dissection	Qing Lv (Chinese Mainland)	Yi-Chen Lai (Taiwan)
16:45-16:59	Ultrasonographic Features of Hepatic Epithelioid Hemangioendothelioma	Wenwu Ling (Chinese Mainland)	

2017/10/16 (W1) Track 5: Echocardiography

Time	Topic	Speaker	Moderator
Free Paper (9-min oral + 5-min Q&A)			(Room 103, 1F)
08:30-08:44	Value of Layer-Specific Strains in Hypertrophied Myocardium of Aortic Stenosis from Comparison with Hypertrophy Cardiomyopathy	Mu-Shiang Huang (Taiwan)	Morgan Fu (Taiwan) Fangyun Wang (Chinese Mainland) Ka Li KWOK (Hong Kong)
08:45-08:59	U-Shaped Activation Propagation Patterns Identified from 2-Dimensional Longitudinal Strain Rate Imaging Predict Outcomes Following Cardiac Resynchronization Therapy	Chun-Li Wang (Taiwan)	
09:00-09:14	Preliminary Analysis of Normal Reference Values for Left Ventricular Peak Systolic Longitudinal Strain and Strain Rate in Healthy Children at Different Ages	Zhaoxia Wang (Chinese Mainland)	
09:15-09:29	Diabetes Mellitus is the Major Independent Limitation for Assessment of Ischemic Cardiomyopathy by Ergometer Stress Echocardiography	Huey-Ru Tsai (Taiwan)	
09:30-09:44	Using of Two Dimensional Speckle Tracking Echocardiography to Predict Major Adverse Events and Segmental Function Recovery in Patients with Acute Myocardial Infarction and Preserved Ejection Fraction	Ju-Feng Hsiao (Taiwan)	
09:45-09:59	The Role of Carotid Intima-Media Thickness Ultrasound Testing and Risk Prediction for the Development of Atherosclerosis in the Young Population Exposed to Bisphenol A	Jui-Hsiang Lin (Taiwan)	
10:00-10:30	Coffee Break		
10:30-10:44	Four-Tiered Echocardiographic Analysis Approach for Congenital Mitral Valve Malformations	Feifei Sun (Chinese Mainland)	Chih-Hui Chin (Taiwan) Qi-Ling Cao (Qatar) Haibo Song (Chinese Mainland)
10:45-10:59	Comparison of Aortic Annulus Dimensions by Multimodal Measurement before Transcatheter Aortic Valve Replacement	Ruixiang Qi (Chinese Mainland)	
11:00-11:14	A Novel Methodology for Coronary Arteritis Evaluation in Acute Kawasaki Disease	I-Hsin Tai (Taiwan)	
11:15-11:29	Echocardiographic Evaluation of Patients with Anomalous Origin of the Left Coronary Artery from the Pulmonary Artery (ALCAPA): A Single Medical Center Experience	Wan-Fu Hsu (Taiwan)	
11:30-11:44	Value of Three-Dimensional Transthoracic Echocardiography in Differentiating between Subpulmonary Ventricular Septal Defect and Rupture of Sinus of Valsalva for a Patient with Infective Endocarditis	Kuang-Tso Lee (Taiwan)	

2017/10/16 (W1) Track 6: Education in Medical Ultrasound**WFUMB Education Program: "Ultrasound in Medical School Education"**

Time	Topic	Speaker	Moderator
08:30-08:45	Necessary Elements in a Successful Program	Harvey Nisenbaum (USA)	Christian Pállson Nolsøe (Denmark)
Global Status of Ultrasound in Medical School Education - Part 1			(VIP Room, 4F)
08:45-09:00	AFSUM-Ultrasound in Undergraduate Medical Education in Asia: An Emergency Tool	Kwok Yin Leung (Hong Kong)	Harvey Nisenbaum (USA)
09:00-09:15	AIUM-American Institute of Ultrasound in Medicine Will Describe Status in North America	Michael Blaivas (USA)	
09:15-09:30	ASUM-Australasian Society for Ultrasound in Medicine Will Describe Status in Australasia	George Condous (Australia)	
09:30-10:00	Q & A		
10:00-10:30	Coffee Break		
10:30-10:45	Teaching the Ultrasound Student - Planning for Success	Susan Campbell Westerway (Australia)	Christian Pállson Nolsøe (Denmark)
Global Status of Ultrasound in Medical School Education - Part 2			
10:45-11:00	EFSUMB-European Federation of Societies for Ultrasound in Medicine and Biology: Status on Student Education in Europe	Odd Helge Gilja (Norway)	
11:00-11:15	FLAUS-Role of FLAUS, Federation of Latin American Ultrasound Societies	Leandro Fernández (Venezuela)	
11:15-11:30	MASU-Mediterranean and African Society of Ultrasound- Status in Their Region	Sudhir Vinayak (Kenya)	
11:30-12:00	Q & A		
12:00-13:30	Lunch		
13:30-13:45	Ultrasound Simulation Training in Pre- and Postgraduate Education	Michael Bachmann Nielsen (Denmark)	Christian Pállson Nolsøe (Denmark)
13:45-14:00	Learning & Teaching with Ultrasound in Germany - the MHB-US- Curriculum	Dieter Nürnberg (Germany)	
Lessons Learned in Training in Developing Countries Part 1			
14:00-14:15	Training Midwives to Perform Basic Obstetric PoCUS in Rural Areas Using a Tablet Platform and Mobile Phone Transmission Technology	Sudhir Vinayak (Kenya)	
Lessons Learned in Training in Developing Countries Part 2			
14:15-14:30	Ultrasound Training in Developing Countries, Needs, What is Done? What We Have to Do? The Past, the Present, the Future	Hassen A. Gharbi (Tunisia)	
14:30-15:00	Q&A		Harvey Nisenbaum (USA)
15:00-15:30	Coffee Break		
15:30-17:00	Industry Roundtable (Challenges and Solutions to Provide Ultrasound Equipment to Medical Schools and Medical Students)	Companies Participating: Esaote GE Hitachi Mindray Philips Samsung Siemens Toshiba	
			Christian Pállson Nolsøe (Denmark)

2017/10/16 (W1) Track 7: Elastography

Time	Topic	Speaker	Modulator
Basic Elastography			(Room 201BC, 2F)
08:30-08:50	Elastography Basic Principle	Giovanna Ferraioli (Italy)	Po-Hsiang Tsui (Taiwan)
08:50-09:10	High Resolution Elastography for Eye	Chih-Chung Huang (Taiwan)	
09:10-09:30	Ultrasound Shear Wave Elastography: Principles and New Technologies	Shigao Chen (USA)	
09:30-09:50	Evaluation of Shear Wave Dispersion Caused by Liver Fibrous Structure Using Hepatic Fibrosis Progression Model	Makoto Yamakawa (Japan)	Shigao Chen (USA)
09:50-10:10	Analysis of Acoustic Properties of Liver Organelles Including NASH	Tadashi Yamaguchi (Japan)	
10:10-10:30	Coffee Break		
Breast Elastography			(Room 201BC, 2F)
10:30-11:00	Three Dimensional Elastography of Breast Tumors	Etsuo Takada (Japan)	Kazutaka Nakashima (Japan)
11:00-11:30	Computer-Aided Diagnosis for Breast Elastography	Ruey-Feng Chang (Taiwan)	
11:30-12:00	Comprehensive Ultrasound Diagnosis for Breast Lesions – with High Resolution B Mode/Strain Elastography/High Sensitive Vascular Evaluation	Kazutaka Nakashima (Japan)	Ruey-Feng Chang (Taiwan)
	Elasticity Imaging of the Breast: Techniques and Pitfalls	Yi-Hong Chou (Taiwan)	
12:15-13:15	Lunch		
Other Elastography 1			(Room 201BC, 2F)
13:30-14:00	Elastography for Intravascular Ultrasound	Chih-Chung Huang (Taiwan)	Vito Cantisani (Italy)
14:00-14:30	Elastography of the GI Tract	Odd Helge Gilja (Norway)	Yi-Hong Chou (Taiwan)
14:30-15:00	US-Elastography in Breast and Thyroid: How, When, Why?	Vito Cantisani (Italy)	
Other Elastography 2			(Room 201BC, 2F)
15:30-16:00	Testicular Elastography	Leandro Fernández (Venezuela)	Hong-Jen Chiou (Taiwan)
16:00-16:30	Spatial-Dependent Mechanical Properties of the Heel Pad by Shear Wave Elastography	Chung-Li Wang (Taiwan)	

2017/10/16 (W1) Track 9: Endocrinology Ultrasound

Time	Topic	Speaker	Moderator
Symposium		(Room 201DE, 2F)	
08:30-09:00	The Practicability of RFA as a Therapy for Graves’ Disease	Bao-Ming Luo (Chinese Mainland)	Shih-Ming Huang (Taiwan) Jung Hwan Baek (South Korea)
09:00-09:30	Risk Stratification of Cytologically Indeterminate Thyroid Nodules on FNA with Ultrasound: What We Did and How to Do?	Huixiong Xu (Chinese Mainland)	
09:30-10:00	Computer-Aided Diagnosis in Thyroid Nodular Diseases	Tien-Chun Chang (Taiwan)	
10:00-10:30	Coffee Break		
10:30-11:00	Can Thyroid Ultrasonography with Computer System Predict Thyroid Follicular Cancer?	Chwen-Tzuei Chang (Taiwan)	Shih-Te Tu (Taiwan)
11:00-11:30	Ultrasound-Guided Percutaneous Laser Ablation of Unifocal Papillary Thyroid Microcarcinoma	Wei-Wei Zhan (Chinese Mainland)	Tien-Chun Chang (Taiwan)
11:30-12:00	Radiofrequency and Ethanol Ablation for Thyroid	Jung Hwan Baek (South Korea)	Horng-Yih Ou (Taiwan)
12:00-13:30	Lunch		
Free Paper (9-min oral + 5-min Q&A)		(Room 201DE, 2F)	
13:30-13:44	Problems of Thyroid Ultrasound Screening - Based on the Results of Thyroid Screening Conducted at Our Facility 25 Years Ago in Japan	Koji Takebe (Japan)	Horng-Yih Ou (Taiwan) Shih-Horng Huang (Taiwan) Hui-Xiong Xu (Chinese Mainland)
13:45-13:59	To Establish the True Positive Percentage of Cases Where Ultrasound Detected Nodules in Sestamibi Negative Cases of Hyperparathyroidism. Retrospective Data from A Single Institution”	Alka Ashmita Singhal (India)	
14:00-14:14	Significance of Perithyroidal Lymph Nodes in Benign Thyroid Diseases	Tomyuki Ohta (Japan)	
14:15-14:29	Ultrasound-Guided Core-Needle Biopsy in the Diagnosis of Langerhans Cell Histiocytosis with Thyroid Involvement	Wenbo Li (Chinese Mainland)	
14:30-14:44	Papillary Thyroid Carcinoma in a Patient with Type 1 Diabetes and Hashimoto’s Disease	Ya-Ting Chiang, (Taiwan)	
14:44-14:59	Calcifications Formation on Ultrasonography after Fine Needle Aspiration in Benign Thyroid Nodules	Yi-Jhih Tsai (Taiwan)	

2017/10/16 (W1) Track 10: Fetal Echocardiography

Workshop 2 - The 4th Joint Conference of TICU and KFEM on Fetal Echocardiography

Time	Topic	Speaker	Moderator
Workshop (Room 201F, 2F)			
08:30-09:00	Lecture1: How to Manipulate the STIC and the Pyramid of Fetal Heart, the Segmental Approach	Motoyoshi Kawataki (Japan)	Ki-Sung Kim (Japan)
09:00-09:50	STIC Seminar 1: The Screening from the Position of Organs	Motoyoshi Kawataki (Japan)	Ming-Ren Chen (Taiwan)
10:00-10:30	Coffee Break		
10:30-11:15	STIC Seminar 2: The Screening from the Heart Size	Motoyoshi Kawataki (Japan)	Ki-Sung Kim (Japan)
11:15-12:00	STIC Seminar 3: The Screening from the Midline Anomalies	Motoyoshi Kawataki (Japan)	Hideaki Ueda (Japan) Tung-Yao Chang (Taiwan)
12:15-13:15	Lunch		
13:45-14:00	Lecture2: The Long Term Prognosis of Significant CHD in KCMC	Seiyo Yasui (Japan)	Ki-Sung Kim (Japan)
14:00-14:45	STIC Seminar 4: The Screening from the Unbalance of 4CV (1) Small Lt Heart	Motoyoshi Kawataki (Japan)	Hideaki Ueda (Japan)
15:00-15:30	Coffee Break		
15:30-16:15	STIC Seminar 5: The Screening from the Unbalance of 4CV (2) Small Rt Heart	Motoyoshi Kawataki (Japan)	Seiyo Yasui (Japan) Tung-Yao Chang (Taiwan)
16:15-17:00	Lecture 3: Strategy of Neonatal Emergent Therapy from the Fetal Echo Findings	Ki-Sung Kim (Japan)	
17:00-17:30	Lecture 4 : Segmental Approach of Complex Congenital Heart Disease	Ming-Ren Chen (Taiwan)	
17:30-18:00	Test (1)	Motoyoshi Kawataki (Japan)	

2017/10/16 (W1) Track 11: Gynecologic/Obstetric Ultrasound

Time	Topic	Speaker	Moderator
Fetal Ultrasound and Fetal MRI			(Room 102, 1F)
08:30-08:45	Fetal Brain Imaging	Ritsuko K. Pooh (Japan)	Chih-Ping Chen (Taiwan) Ritsuko K. Pooh (Japan)
08:45-09:00	Prenatal US Findings of Musculoskeletal Anomalies	Jeong Yeon Cho (South Korea)	
09:00-09:20	The Applications of 3D/4D Ultrasound in Prenatal Diagnosis and Fetal Surgery in Open Spina Bifida	Sheng-Wen Shaw (Taiwan)	
09:20-09:40	Diagnostic Roles of Color Doppler Mapping of Fetal Circulation	Tuangsit Wataganara (Thailand)	
09:50-10:10	Fetal MR Neuroimging: Practical Issues	Mum-Ching Wong (Taiwan)	
10:00-10:30	Coffee Break		
Ultrasound in High Risk Pregnancy			(Room 102, 1F)
10:30-10:45	Cervical Examination by US for Cervical Insufficiency	Keun Young Lee (South Korea)	Tai-Ho Hung (Taiwan)
10:45-11:00	Risk of Fetal Loss after Iatrogenic Procedures	An-Shine Chao (Taiwan)	
11:00-11:20	Can Spontaneous Preterm Birth Be Predicted by Ultrasound?	Liona Poon (Hong Kong)	Keun Young Lee (South Korea)
11:20-11:40	Intrapartum USG	Tak Yeung Leung (Hong Kong)	Liona Poon (Hong Kong)
11:40-12:00	USG Evaluation of Postpartum Complications	Gwang Jun Kim (South Korea)	
12:00-13:30	Lunch		
Ultrasound in First Trimester of Pregnancy			(Room 102, 1F)
13:30-13:45	First Trimester Prediction of Preeclampsia by Ultrasound	Liona Poon (Hong Kong)	Shuenn-Dyh Chang (Taiwan) Gwang Jun Kim (South Korea)
13:45-14:00	Fetal Face in the First Trimester	Ritsuko K. Pooh (Japan)	
14:00-14:20	NIPT and First Trimester Ultrasound	Qingqing Wu (Chinese Mainland)	
14:20-14:40	Shifting the Fetal Anomaly Scan To the First Trimester	Suresh Seshadri (India)	
14:40-15:00	Why We Do the 1st Trimester Echocardiography	Gwang Jun Kim (South Korea)	
15:00-15:30	Coffee Break		
Ultrasound in Fetal Therapy			(Room 102, 1F)
15:30-15:45	Fetal Hydrothorax: Diagnosis, Treatment, and Implications for Pathogenesis	Ming Chen (Taiwan)	Po-Jen Cheng (Taiwan) Tak Yeung Leung (Hong Kong)
15:45-16:00	Usual and Unusual Hydrops Fetalis	Kwok Yin Leung (Hong Kong)	
16:00-16:20	Early Intra-Amniotic Gene Transfer Using Lentiviral Vectors in Murine Model	Masayuki Endo (Japan)	
16:20-16:40	Laser Therapy for TTTS: The Role of Quintero System	Yao-Lung Chang (Taiwan)	
16:40-17:00	USG for Complicated Twins	Tak Yeung Leung (Hong Kong)	

2017/10/16 (W1) Track 12: General and Abdominal Ultrasound

Time	Topic	Speaker	Moderator
Biliary Tract and Pancreas			(Banquet Hall, 3F)
08:30-08:50	Rare Biliopancreatic Diseases	Christoph F. Dietrich (Germany)	Liang-Yen Wang (Taiwan)
08:50-09:10	Contrast-Enhanced Ultrasound of the Pancreas	Adrian Săftoiu (Romania)	
09:10-09:30	The Value of Differentiation Diagnosis of Gallbladder Polyps Larger Than 1.0 cm by CEUS: 7 Years Clinical Experiences	Xiang Fei (Chinese Mainland)	Masayuki Kitano (Japan)
09:30-09:50	Ultrasound of Gallbladder and Biliary Tract. What Is Relevant to the Surgical Procedure?	Jorge Rabat Salgh (Venezuela)	Christoph F. Dietrich (Germany)
09:50-10:10	Diagnosis of Biliary Diseases by Ultrasound	Antonio Carlos Matteoni (Brazil)	
10:00-10:30	Coffee Break		
10:30-10:50	Interventional EUS in the Digestive Diseases	Masayuki Kitano (Japan)	Masatoshi Kudo (Japan)
10:50-11:10	EUS-Guided Radiofrequency Ablation for the Management of Pancreatic Tumors	Dong-Wan Seo (South Korea)	
11:10-11:30	EUS-Guided Interventions for Walled-off Pancreatic Necrosis	Kosuke Minaga (Japan)	Dong-Wan Seo (South Korea)
11:30-11:50	Intraductal Ultrasonography (IDUS) for the Diagnosis of Biliopancreatic Diseases	Cheuk-Kay Sun (Taiwan)	Cheuk-Kay Sun (Taiwan)
11:50-12:10	EUS for Biliary Tract Stricture	Meng-Shun Sun (Taiwan)	
12:00-13:30	Lunch		
Portal Hypertension			(Banquet Hall, 3F)
13:30-13:50	Expanding Role of US in Diagnosis of Portal Hypertension and Cirrhotic Complications	Soon Koo Baik (South Korea)	Horng-Yuan Wang (Taiwan)
13:50-14:10	Role of Microbubble-Based Contrast-Enhanced Ultrasound for the Assessment of Portal Hypertension	Hitoshi Maruyama (Japan)	
14:10-14:30	Doppler in Portal Hypertension	Antonio Carlos Matteoni (Brazil)	Antonio Carlos Matteoni (Brazil)
14:30-14:50	The Role of Doppler Ultrasound in Cirrhosis	Ja-Der Liang (Taiwan)	Hitoshi Maruyama (Japan)
14:50-15:10	Application of Endoscopic Ultrasonography in Portal Hypertension	Wei-Chih Liao (Taiwan)	
15:00-15:30	Coffee break		
Spleen and GI Tract			(Banquet Hall, 3F)
15:30-15:50	Spleen: The Forgotten Organ	Kanu Bala (Bangladesh)	Odd Helge Gilja (Norway)
15:50-16:10	CEUS in Crohn’s Disease	Odd Helge Gilja (Norway)	
16:10-16:30	Emergency Medicine in GI Tract	Adrian Goudie (Australia)	Hsiu-Po Wang (Taiwan)
16:30-16:50	Advanced Endoscopic Ultrasound Techniques: Elastography, Contrast-Enhancement, Confocal Laser Endomicroscopy, etc	Adrian Săftoiu (Romania)	Adrian Goudie (Australia)
16:50-17:10	Vascular Assessment of Gastrointestinal Tracts by Color Doppler Ultrasound	Ren-Jow Liang (Taiwan)	

2017/10/16 (W1) Track 13: Otolaryngology & Head Neck

Time	Topic	Speaker	Moderator
Free Paper (9-min oral + 5-min Q&A)			(South Lounge, 3F)
13:30-13:44	Simultaneous Recording of Ultrasound and Polysomnography during Natural Sleep in Patients with Obstructive Sleep Apnea	Jeng-Wen Chen (Taiwan)	Asif Momin (United Kingdom) Panruethai Trinavarat (Thailand)
13:45-13:59	Is Computer-Aided Quantification of Intranodal Vascularity a Useful Tool for Differentiating Different Causes of Cervical Lymphadenopathy	Michael Tin-Cheung Ying (Hong Kong)	
14:00-14:14	Ultrasonographic Determination of the Location of Parotid Gland Tumor Relative to the Facial Nerve	Jeong Kyu Kim (South Korea)	
14:15-14:29	Characteristics of Nodular (N) and Non-Nodular (Non-N) Configuration of Subacute Granulomatous Thyroiditis (SAT)	Yoo Jin Lee (South Korea)	
14:30-14:44	Parathyroid Carcinoma: Atypical Presentation, Diagnosed on Ultrasound: A Case Report	Alka Ashmita Singhal (India)	
15:10-15:30	Coffee Break		
15:30-15:44	The Usefulness of Intraoperative Transoral Ultrasound Examination for Head and Neck Surgery	Ryohei Donishi (Japan)	Anil Ahuja (Hong Kong) Li-Jen Liao (Taiwan)
15:45-15:59	Comparison of Ultrasonography with CT, MRI and Pet in Cervical Lymph Node Staging of Head and Neck Cancer	Yun-Ying She (Taiwan)	
16:00-16:14	Utility of Ultrasound Imaging and Sampling in Differentially Diagnosing Tiny Tumors of the Parotid Gland	Chun-Nan Chen (Taiwan)	
16:15-16:29	Efficacy of Ultrasound-Guided Core Needle Biopsy in Cervical Lymphadenopathy: A Retrospective Study of 6695 Cases	Min Xu (Chinese Mainland)	
16:30-16:44	Evaluation of the Usefulness of Quantitative Shear Wave Elastography for Differentiating Benign and Malignant Salivary Gland Tumors	Eriko Matsuda (Japan)	
16:45-16:59	Ultrasound Dye-Assisted Surgery (USDAS) for Regional Recurrence in Head and Neck Cancer: A Case Report	Sheng-Chiao Lin (Taiwan)	

2017/10/16 (W1) Track 14: Interventional, Perioperative, Anesthesiologic Ultrasound

Time	Topic	Speaker	Moderator
Free Paper (9-mins + 3-min Q&A)			(Room 105, 1F)
08:30-08:44	Transition from Deep Regional Blocks toward Deep Nerve Hydrodissection in the Upper Body and Torso. Method Description and Results from a Retrospective Chart Review of the Analgesic Effect of 5% Dextrose in Water (D5W) as the Primary Hydrodissection	King Hei Stanley Lam (Hong Kong)	Chih-Peng Lin (Taiwan) Shibata Yasuyuki (Japan) Tatsuo Nakamoto (Japan)
08:45-08:59	Platelet-Rich Plasma Versus 5% Dextrose for Mild-to-Moderate Carpal Tunnel Syndrome	Ming-Jen Ke (Taiwan)	
09:00-09:14	Fusion of Real-Time Us with Ct Images to Guide Selective Lumbosacral Nerve Root Interventional Therapy	Zhiqiang Li (Chinese Mainland)	
09:15-09:29	Ultrasound-Guided Dextrose Injection Treatment for Refractory Chronic Musculoskeletal Pain: A Retrospective Case Series	Yen Chou (Taiwan)	
10:00-10:30	Coffee Break		

2017/10/16 (W1) Track 15: Musculoskeletal Ultrasound

Time	Topic	Speaker	Moderator
Free Paper (9-min oral + 5-min Q&A)			(Room 201A, 2F)
08:30-08:44	Response of Synovitis in Oa Knee to Platelet-Rich-Plasma and Hyaluronic Acid: An Ultrasonographic Study	Chien-Chih Wang (Taiwan)	Chih-Chin Hsu (Taiwan) Gi-Young Park (South Korea)
08:45-08:59	Muskuloskeletal Ultrasound Finding in Disseminated Tuberculosis	Maria Goretti Ametembun (Indonesia)	
09:00-09:14	Short-Term Effect of Ultrasound-Guided Low-Molecular-Weight Hyaluronic Acid Injection on Clinical Outcomes and Imaging Changes in Patients with Rheumatoid Arthritis of the Ankle and Foot Joints. A Randomized Controlled Pilot Trial	Chien-Chih Wang (Taiwan)	
09:15-09:29	Dynamic Musculoskeletal Ultrasound (MSK US) of the Knee Joint, from Simple Supine Dynamic Scans to Kinematic Scans	King Hei Stanley Lam (Hong Kong)	
09:30-09:44	Effects of Bolus Consistency and Volume on Hyoid Bone Displacement during Swallowing	Ming-Yen Hsiao (Taiwan)	
09:45-09:59	Predict Triangular Fibrocartilage Complex (TFCC) Tear in Severe Rheumatoid Arthritis by PD Ultrasound	Ying-Chou Chen (Taiwan)	
10:00-10:14	Reliability of 8-Joint Ultrasonography Scores in Follow Up of Biological Therapy in Patients with Rheumatoid Arthritis	Ying-Chou Chen (Taiwan)	
10:00-10:30	Coffee Break		
10:30-10:44	Classification of Fracture Non-Unions Using the Non-Union Scoring System, Dynamic Contrast-Enhanced Ultrasound (CEUS) and Magnetic Resonance Imaging (DCE-MRI)	Christian Fischer (Germany)	Yi-Pin Chiang (Taiwan) Shiau-Fu Hsieh (Taiwan)
10:45-10:59	Severity Correlation between Cross-Sectional Area and Electrodiagnostic Parameters in Carpal Tunnel Syndrome	Kwang Jae Lee (United States)	
11:00-11:14	Musculoskeletal Ultrasonography in Detection of Early Juvenile Idiopathic Arthritis	Su-Boon Yong (Taiwan)	
11:15-11:29	An Ultrasound Pattern of Chronic Sequelae Following Medial Calf Tennis Leg Injuries	Stephen Bird (Australia)	
11:30-11:44	Comprehensive Sonographic Protocol for Assessment of Ankle Inversion Injuries	Stephen Bird (Australia)	
11:45-11:59	Acute Injuries of the Lumbrical Origins in the Palm of the Hand	Stephen Bird (Australia)	
12:00-12:14	The Efficacy of Ultrasound-Guided Perineural Injection with 5% Dextrose for Radial Nerve Palsy: A Case Report	Si-Ru Chen (Taiwan)	
12:15-13:15	Lunch		

Symposium			(Room 201A, 2F)
13:30-14:00	Ultrasound Guided Cervical Spine Interventions for the Treatment of Neck Pain	Ravi Krishna Kalathur (India)	Carl Chen (Taiwan) Sheng Bi (Chinese Mainland)
14:00-14:30	Role of Stem Cell in Muscle, Ligament & Cartilage Regeneration	Mohammad Moniruzzaman (Bangladesh)	
14:30-15:00	Stem Cell: Planning & Implementation	Mohammad Moniruzzaman (Bangladesh)	
15:00-15:30	Coffee Break		
15:30-16:00	Ultrasound-Guided Intervention Techniques in Treating Patients with Hip Joint Disorders	Sheng Bi (Chinese Mainland)	Ravi Krishna Kalathur (India)
16:00-16:30	Ultrasound-Guided Intervention Techniques in Treating Patients with Back Pain	Carl Chen (Taiwan)	Mohammad Moniruzzaman (Bangladesh)
16:30-17:00	Ultrasound Guided Procedures of the Shoulder and Other Upper Extremity Procedures	Fanny Aliwarga (Indonesia)	

2017/10/16 (W1) Track 16: Nephro-/Urologic Ultrasound

Time	Topic	Speaker	Moderator
Free Paper(9-min + 5-min Q&A)			(South Lounge, 3F)
08:30-08:44	Multiparametric Quantitative Ultrasound Imaging to Assess Chronic Kidney Disease	Jing Gao (United States)	Chien-Te Lee (Taiwan) Michel Claudon (France)
08:45-08:59	Resistivity and Pulsatility Index in Diabetic Nephropathy: A Phoenix Bird?	Cristian Nicolae Chirilă (Romania)	
09:00-09:14	The Relationship between Kidney Shear Wave Speed Measured Using the Elastpq Technique and Different Biomarkers of Chronic Kidney Disease	Flaviu Bob (Romania)	
09:15-09:29	Pitfalls in Kidney Ultrasonography: Rare Diseases	Paula Maria Chirilă (Romania)	
09:30-09:44	Urinary Tract Tuberculosis and Its Ultrasound Findings	Maria Goretti Ametembun (Indonesia)	
09:45-09:59	Urethral Diverticula in Women: Comparison of Ultrasound and Magnetic Resonance Imaging	Xia Wang (Chinese Mainland)	
10:00-10:30	Coffee Break		
10:30-10:44	Intraoperative Ultrasound during Robot-Assisted Laparoscopic Partial Nephrectomy (RAPN)	Takeshi Nomura (Japan)	Yu Chen (Taiwan) Mai-Szu Wu (Taiwan)
10:45-10:59	MR/US Image-Fusion Targeted Biopsy for Diagnosis of Clinically Significant Prostate Cancer	Masatomo Kaneko (Japan)	
11:00-11:14	Novel Dosimetric Criteria for Salvage Permanent Brachytherapy (LDR) based on 3D-Cancer Mapping Using Trus	Masatsugu Miyashita (Japan)	
11:15-11:29	Ultrasound Findings of Penile Paraffinoma from Self-Injection of Mineral Oil Material: Clinical Presentation and Histo-Pathological Correlation	Hing Leong (Singapore)	

2017/10/16 (W1) Track 21: Small Parts & Vascular Ultrasound

Time	Topic	Speakers	Moderator
Free Paper (9-min oral + 5-min Q&A)			(Room 103, 1F)
13:30-13:44	The Value of Ultrasound in the Diagnosis of Level Ii/ Iii Axillary Lymph Nodes and the Initial Exploration of an Ultrasonic Follow-Up Strategy after Alnd of Breast Cancer Surgery	Guoxue Tang (Chinese Mainland)	Luis Fernando Chavarría Estrada (Costa Rica) San-Kan Lee (Taiwan)
13:45-13:59	Evaluation the Venous Pressure of Deep Vein Thrombosis of Early Phase in Lower Extremity by Ultrasonic Imaging	Xi Chen (Chinese Mainland)	
14:00-14:14	A New High Pulse-Repetition Frequency Ultrafast Sliding Compound Doppler Imaging: Fully Qualitative and Quantitative Analysis of Blood Flow	Jin Bum Kang (South Korea)	
14:15-14:29	Ocular Ultrasound of Uveitis Which is Accompanied by Tuberculosis Together with Ultrasound Restores Sight for the Blind	Maria Goretti Ametembun (Indonesia)	
14:30-14:44	Clinical Advances in Pressure Ulcer Management by Ultasonography: The First Local Report	Wai Yan Chan (Hong Kong)	
14:45-14:59	Value of Doppler Ultrasound in the Diagnosis of Dialysis Fistula - Related Vascular Complications	Anna Drelich-Zbroja (Poland)	
15:00-15:30	Coffee Break		
Free Paper (9-min oral + 5-min Q&A)			(Room 103, 1F)
15:30-15:44	Checkered Pattern on Color Doppler Sonography in Four Cases of Spontaneous Isolated Dissecting Aneurysm of the Superior Mesenteric Artery	Tai Le (Vietnam)	Yusef Sayeed (United State) Hsian-He Hsu (Taiwan)
15:45-15:59	To Assess the Value Oo Three-Dimensional Power Doppler Angiography (3DPDA) In Quantitatively Evaluating Testicular Blood Flow In Patients with Testicular Torsion	Liyang Su (Chinese Mainland)	
16:00-16:14	Relationship between the Abnormal Diastolic Vortex Structure and Impaired Left Ventricle Filling in Patients with Hyperthyroidism	Jing Wang (Chinese Mainland)	
16:15-16:29	Ultrasonography-Guided Antegrade Common Femoral Artery Puncture: Factors Associated with Puncture Time	Ki Hyun Kim (South Korea)	

WFUMB 2017 TAIPEI SCIENTIFIC PROGRAM

OCTOBER 17

PROGRAM AT A GLANCE (DAY 5)

Tuesday, October 17																		
Room	0830 0900	0900 0930	0930 1000	1000 1030	1030 1100	1100 1130	1130 1200	1200 1330	1330 1400	1400 1430	1430 1500	1500 1530	1530 1600	1600 1630	1630 1700			
Plenary Hall				Coffee Break (101 Exhibition Area)	Closing Ceremony		Lunch				Coffee Break							
102	Free Paper Gynecologic/ Obstetric Ultrasound (T11)							Free Paper Gynecologic/ Obstetric Ultrasound (T11)										
105	Free Paper Breast Ultrasound (T2)							Free Paper Breast Ultrasound (T2)										
201 A	Symposium Musculoskeletal Ultrasound (T15)																	
201BC	Free Paper Elastography (T7)							Free Paper Elastography (T7)										
201DE	Free Paper ACUCI 2017 TAIPEI (T4)																	
201F	Workshop 2 Fetal Echocardiography (T10)							Workshop 2 Fetal Echocardiography (T10)				Workshop 2 Fetal Echocardiography (T10)						
3F Banquet Hall	Free Paper General and Abdominal Ultrasound (T12)																	

TRACK OF DAY 5 (OCT 17, W2)

T2- Breast Ultrasound	p.130
T4- ACUCI 2017 TAIPEI	p.131
T7- Elastography	p.132
T10- Fetal Echocardiography Workshop 2	p.133
T11- Gynecologic/Obstetric Ultrasound	p.134
T12-General and Abdominal Ultrasound	p.135
T15- Musculoskeletal Ultrasound	p.136

2017/10/17 (W2) Track 2: Breast Ultrasound

Time	Topic	Speaker	Moderator
Free Paper (9-min oral + 5-min Q&A)			(Room 105, 1F)
08:30-08:44	Color Doppler Findings Differentiating between Benign and Malignant Breast Masses -Jabts Bc-04 Study Part 1-	Setsuko Kaoku (Japan)	Keitaro Kamei (Japan) Anhua Li (Chinese Mainland)
08:45-08:59	Clinical Analysis of the Outcome of Breast Ultrasound after Screening Mammography as Breast Imaging Reporting and Data System (Bi-Rads) Category 0	Hsu-Huan Chou (Taiwan)	
09:00-09:14	Predicting Malignant Invasion of Nipple Areolar Complex Using Preoperative Ultrasound Exam	Min Seo Bang (South Korea)	
09:15-09:29	Second-Look Us Using Real-Time Virtual Sonography, A Coordinated Us and Mri System, Improves Detection of Conventional B-Mode Occult Mri-Detected Breast Lesions	Shogo Nakano (Japan)	
09:30-09:44	Comparison of the Diagnostic Accuracy of Magnetic Resonance Imaging with Sonography in the Prediction of Breast Cancer Tumor Size: A Concordance Analysis with Histopathologically Determined Tumor Size	Hung-Wen Lai (Taiwan)	
09:45-09:59	Are Echogenic Foci on Breast Ultrasound Calcifications or a Suspicious Finding?	Eriko Tohno (Japan)	
10:00-10:30	Coffee Break		
10:30-12:00	Closing Ceremony		
12:00-13:30	Lunch		
Free Paper (9-min oral + 5-min Q&A)			(Room 105, 1F)
13:30-13:44	Color Doppler Findings of Benign Breast Masses -Jabts Bc-04 Study Part 3-	Hidemitsu Yasuda (Japan)	Hidemitsu Yasuda (Japan) Huay-Ben Pan (Taiwan)
13:45-13:59	Assessing the Appropriateness of Our Color Doppler Breast Ultrasound Evaluation Method -Jabts Bc-04 Study Part 4-	Takanori Watanabe (Japan)	
14:00-14:14	Is Axillary Scanning Necessary with Negative Finding on Both Mammography and Subsequent Breast Ultrasound?	Min Jung Kim (South Korea)	
14:15-14:29	Bi-Rads 3 Lesions in Screening Automated Breast Volume Scanner: Comparison with 6-Months Follow-Up Hand-Held Breast Us	Min Seo Bang (South Korea)	
14:30-14:44	The Characteristics of Breast Cancer Detected in Screening Automated Breast Volume Scanner	Min Seo Bang (South Korea)	
14:45-14:59	A Case of Granular Cell Tumor of the Breast	Mami Inagaki (Japan)	
15:00-15:14	Fluorescence Imaging Combined with Ultrasound in SLN Biopsy of Breast Cancer	Xiaohui Ji (Chinese Mainland)	

2017/10/17 (W2) Track 4: ACUCI 2017 TAIPEI

Time	Topic	Speaker	Moderator
Free Paper (9-min oral + 5-min Q&A)			(Room 201DE, 2F)
08:30-08:44	Liver Focal Fatty Change Evaluated by Contrast-Enhanced Ultrasound: A Retrospective Study in an Ultrasound Expert Center	Alina Popescu (Romania)	Gail ter Haar (United Kingdom) Yung-Hui Lin (Taiwan)
08:45-08:59	Contrast Enhanced Ultrasound, The First Step in the Evaluation of Focal Liver Lesions	Alina Popescu (Romania)	
09:00-09:14	Contrast-Enhanced Ultrasound in the Diagnostic of Liver Abscesses. A Prospective Multicenter Experience	Alina Popescu (Romania)	
09:15-09:29	Enhancement Pattern of Liver Metastasis on Contrast Enhanced Ultrasound Examination - Monocentric Experience	Alina Popescu (Romania)	
09:30-09:44	Potential Pitfalls of Contrast Enhanced Ultrasound (CEUS) in Characterization of Liver Tumours: Case Series	Wan Yin Chan (Singapore)	
09:45-09:59	Colorized Fusion Using Ceus for RFA	Chikara Ogawa (Japan)	

2017/10/17 (W2) Track 7: Elastography

Time	Topic	Speaker	Moderator
Free Paper (9-min oral + 5-min Q&A)			(Room 201BC, 2F)
08:30-08:44	What Happened with Liver Stiffness Values Assessed by Means of Transient Elastography in Patients with HCV Liver Cirrhosis after DAA Treatment	Ioan Sporea (Romania)	Dar-In Tai (Taiwan)
08:45-08:59	The Efficiency of Shear Wave Elastography Evaluation in Determining the Malignity Potential of Solid Thyroid Nodules	Alpaslan Yavuz (Turkey)	
09:00-09:14	Elastoscan to Differentiate Benign from Malignant Thyroid Lesions and Correlation with Cold Nodule in Thyroid Scan and Histopathology	A K M Fazlul Bari (Bangladesh)	
09:15-09:29	Shear Wave Elastography of the Breast Lesions: Quantitative Analysis of the Heterogeneous Elasticity Improves the Diagnosis Performance	Jianhua Zhou (Chinese Mainland)	
09:30-09:44	Elastpq in Differentiating Benign and Malignant Focal Liver Lesions	Yi Dong (Chinese Mainland)	
10:10-10:30	Coffee break		
10:30-12:00	Closing Ceremony		
12:00-13:30	Lunch		
Free Paper (9-min oral + 5-min Q&A)			(Room 201BC, 2F)
13:30-13:44	Shear Wave Based Ultrasound Elastographies (SWE) Detection in HCC Patients with Liver Stiffness and Main Related Factors	Yue Zhang (Chinese Mainland)	Jee-Fu Huang (Taiwan)
13:45-13:59	In How Many Patients We Will Misdiagnose Esofageal Varices by Using the Baveno Vi Criteria?	Alina Popescu (Romania)	
14:00-14:14	Qualitative Analysis with Virtual Touch Tissue Imaging & Quantification for Differential Diagnosis of Breast Lesions Compared with Quantitative Analysis	Weiwei Ren (Chinese Mainland)	
14:15-14:29	How Often Do We Find Steatosis and Significant Fibrosis in Type 2 Diabetes Mellitius Patients	Ioan Sporea (Romania)	
14:30-14:44	The Role of Different Noninvasive Fibrosis Assessment Scores in the Evaluation of Liver Fibrosis in Nafld Patients	Alina Popescu (Romania)	
14:45-14:59	Intraobserver Reproducibility of Two- Dimensional Shear Wave Elastography in Children	Alina Popescu, (Romania)	Dar-In Tai (Taiwan)
15:00-15:14	How to Improve the Reliability of Liver Fibrosis Evaluation Using 2D-Swe.Ge	Ioan Sporea (Romania)	
15:15-15:30	Shear Wave Liver Elastography with a Propagation Map: Diagnostic Performance and Inter-Observer Correlation for Hepatic Fibrosis in Chronic Hepatitis	Eun Sun Lee (South Korea)	

2017/10/17 (W2) Track 10: Fetal Echocardiography**Workshop 2 - The 4th Joint Conference of TICU and KFEM on Fetal Echocardiography**

Time	Topic	Speaker	Moderator
Workshop		(Room 201F, 2F)	
08:30-09:15	STIC Seminar 6: The Screening from the Outflow (1) TOF / TOF Type DORV	Motoyoshi Kawataki (Japan)	Hideaki Ueda (Japan)
09:15-10:00	STIC Seminar 7: The Screening from the Outflow (2) TGA / TGA Type DORV	Motoyoshi Kawataki (Japan)	
10:00-10:30	Lecture 5: The Role of the Catheter Intervention Among the Severe Congenital Heart Disease	Hideaki Ueda (Japan)	Tung-Yao Chang (Taiwan)
10:00-10:30	Coffee Break		
10:30-12:00	Closing Ceremony		
12:00-13:30	Lunch		
13:00-13:45	STIC Seminar 8: The Screening from the Outflow (3) TAC / VSD PA	Motoyoshi Kawataki (Japan)	Seiyo Yasui (Japan) Tung-Yao Chang (Taiwan)
13:45-14:30	STIC Seminar 9: The Screening from the Arch (1) Vascular Ring / Right Aortic Arch	Motoyoshi Kawataki (Japan)	
14:30-15:00	Lecture6: The Tele-Medicine for the Fetal Diagnosis of CHD	Motoyoshi Kawataki (Japan)	
15:00-15:30	Coffee Break		
15:30-16:15	STIC Seminar 10: The Screening from the Arch (2) COA / IAA	Motoyoshi Kawataki (Japan)	Hideaki Ueda (Japan)
16:15-16:45	Lecture 7: Management of Critical CHD Neonates: Focus on PDA Stenting	Jou-Kou Wang (Taiwan)	
16:45-17:30	STIC Seminar 11: The Screening from the PV	Motoyoshi Kawataki (Japan)	Ming-Ren Chen (Taiwan)
17:30-18:00	Test (2)	Motoyoshi Kawataki (Japan)	

2017/10/17 (W2) Track 11: Gynecologic/Obstetric Ultrasound

Time	Topic	Speaker	Moderator
Free Paper (9-min oral + 5-min Q&A)			(Room 102, 1F)
08:30-08:44	Case Series and Literature Review: Fetal Bowel Dilatation and Its Clinical Significant	Geok-Huey New (Taiwan)	Jenn-Jeih Hsu (Taiwan) Mukhtar Alam Ansari (Nepal) Musarrat Hasan (Pakistan)
08:45-08:59	Three-Dimensional Power Doppler Angiography Improves the Diagnostic Accuracy for Malignant Uterine Body Tumor Prediction	Yen-Chang Lee (Taiwan)	
09:00-09:14	Role of Targeted Fetal Ultrasound Examination in Combination of Chromosome Microarray Analysis for Prenatal Diagnosis	Heng-Kien Au (Taiwan)	
09:15-09:29	Comparison of Gi-Rads Ultrasonographic Stratification and RMI4 in Differentiating Benign from Malignant Adnexal Masses	Bingbing Huang (Chinese Mainland)	
09:30-09:44	Ultrasound Dynamics of Combined Mid-Urethral Slings and Anterior Vaginal Mesh Surgery on Severe Symptomatic Pelvic Organ Prolapse	Tsia-Shu Lo (Taiwan)	
09:45-09:59	Determination of Fetal Gestational Age by Ultrasonographic Measurement of Fetal Humeral Length among Patients Seen at a Tertiary Government Hospital: A Preliminary Study	Leslie Barba (Philippines)	
10:00-10:14	Maternal Hydration with Genetic Ultrasound Increases Scan Quality, Decreases Exam Duration, and Lowers Repeat Exams	Katie Rood Smith (United States)	
10:00-10:30	Coffee break		
10:30-12:00	Closing Ceremony		
12:00-13:30	Lunch		
13:30-13:44	Ultrasonography and Clinical Outcomes Following Surgical Anti-Incontinence Procedures (Monarc Vs Miniarc): 3-Year Review	Tsia-Shu Lo (Taiwan)	Guang-Perng Yeh (Taiwan) Chiou Li Ong (Singapore) TP Baskaran (Malaysia)
13:45-13:59	Application of 3D-US Vocal Technique in the Detection of Fetal Thorax and Lung Malformation	Xihua Lian (Chinese Mainland)	
14:00-14:14	Assessing the Feasibility of Normal Fetal Thoracic Development Measured by 2DUS, 3DUS and MRI	Xihua Lian (Chinese Mainland)	
14:15-14:29	Ultrasonography and Clinical Outcomes for Repeat Midurethral Sling Surgery on Recurrent or Persistent Stress Urinary Incontinence (SUI)	Tsia-Shu Lo (Taiwan)	
14:30-14:44	Ultrasonographic Evaluation of Urethral Angle and Bladder Neck Mobility after Single Incision Mini-Sling	Wu-Chiao Hsieh (Taiwan)	
14:45-14:59	The Role of Obstetric Ultrasound in Low Resource Settings: Pilot Survey Done in Elgeyo Marakwet County on October 2016	Kosgey Clive (Kenya)	

2017/10/17 (W2) Track 12: General and Abdominal Ultrasound

Time	Topic	Speaker	Moderator
Free Paper (8-min oral + 3-min Q&A)			(Banquet Hall, 3F)
08:30-08:41	The Role of Us in Masses in the Groin. Report of a Case and Review of the Literature	Cathrine Lorentzen (Denmark)	Chih-Jen Chen (Taiwan) Ming-Jen Chen (Taiwan) Ching-Wei Chang (Taiwan)
08:42-08:53	Motion Mode Abdominal Ultrasonography for Hepatic Portal Vein Gas Detection: The Meteor Shower Sign	Keng-Wei Liang (Taiwan)	
08:54-09:05	Utility and Safety of Repeat Us-Guided Core Needle Biopsy of Focal Liver Masses	Yong Moon Shin (South Korea)	
09:06-09:17	Selective Regional Feeding Vessel Occlusion: A New Alternative for Percutaneous Ablation of Hepatocellular Carcinoma Adjacent to Gastrointestinal Tract when Artificial Ascites Failed	Xiaoju Li (Chinese Mainland)	
09:18-09:29	Sonographic-Guided Percutaneous Transhepatic Biliary Drainage via Peripheral Access: Evaluation of Safety and Technical Efficacy	Chang-Hsien Liu (Taiwan)	
09:30-09:41	Full-Automatic Image Fusion of Real-Time Ultrasound and MR/CT Images for Radiofrequency Ablation of Hepatic Malignancies	Moon Hyung Choi (South Korea)	
09:42-09:53	Risk Factors of Liver Dysfunction Induced by Microwave Ablation in Patients with Hepatocellular Carcinoma	Yan Zhou (Chinese Mainland)	
09:54-10:05	Contrast-Enhanced Ultrasound Guided Biopsy of Undetermined Abdominal Lesions: A Multidisciplinary Decision Making Approach	Feng Mao (Chinese Mainland)	

2017/10/17 (W2) Track 15: Musculoskeletal Ultrasound

Time	Topic	Speaker	Moderator
Symposium			(Room 201A, 2F)
08:30-08:45	Ultrasound-Guided Femoral Nailing: Experience from the Original	Banchong Mahaisavariya (Thailand)	I-Ming Jou (Taiwan) Banchong Mahaisavariya (Thailand)
08:45-09:00	Adhesive Capsulitis of the Shoulder: Evaluation With US-Arthrography Using a Sonographic Contrast Agent	Man Lu (Chinese Mainland)	
09:00-09:15	The Effect of Percutaneous Ultrasound-Guided Subacromial Bursography Using Microbubbles in the Assessment of Subacromial Impingement Syndrome: Initial Experience	Man Lu (Chinese Mainland)	
09:15-09:30	Ultrasound Intervention in Orthopedics. -Two Topics in Our Procedures	Narihito Kodama (Japan)	
09:30-09:45	Ultrasound-Assisted Percutaneous Release in Carpal Tunnel Syndrome and Trigger Digits: A Over 1000-Case Series	Tung-Tai Wu (Taiwan)	
09:45-10:00	The Ultrasound-Guided Radiofrequency Lesioning in Recalcitrant Tennis Elbow and Plantar Fasciitis	Po-Ting Wu (Taiwan)	

WFUMB 2017 TAIPEI

POSTER SESSION

POSTER SESSION

Track 1-Basic Science, Instrumentation, Quality Control and New Tech

PPT1-003	Deep-Level Controllable Multi-Trap of Acoustic Vortices Generated by Directional Sources <i>Qingyu Ma, Yuzhi Li, Gepu Guo, Juan Tu, Dong Zhang</i>
PPT1-004	Development and Estimation of the Quality Control Program for Breast Ultrasound in Must-Be Trial: Initial Results <i>Hye Won Kim, Sun Hye Jeong You Me Kim, Keum Won Kim, Jin Hwa Lee, Eun Jung Choi, Min Seo Bang, Yun Woo Chang, Jae Kwan Jun, Eun Hye Lee</i>

Track 2-Breast Ultrasound

PPT2-001	A Questionnaire Survey on Working Environments for Sonographers Engaged in Breast Ultrasonographic Screening in Japan <i>Kanako Ban, Hiroko Tsunoda, Hidemitsu Yasuda, Etsuo Takada</i>
PPT2-002	Clinical Application of the Automated Breast Volume Scanner (ABVS) in the Diagnosis of Breast Lesions: Single Center Experience <i>Tsun-Hou Chang, Hsian-He Hsu</i>
PPT2-003	Comparison of Ultrasound and MR Imaging of Non-Calcified Ductal Carcinoma in Situ with Pathologic Correlation <i>Ok Hee Woo, Hye Seon Shin</i>
PPT2-004	Diagnostic Pitfalls in the Breast Ultrasound <i>Tsun-Hou Chang, Hsian-He Hsu</i>
PPT2-005	Inflammatory Myofibroblastic Tumors of the Breast with Multiple Metastases to the Brain, Lung, and Pancreas: Ultrasonographic Findings and a Review of the Literature <i>Mari Inoue, Tomoyuki Ohta, Hisashi Shioya, Shun Sato, Norio Nakata, Makiko Nishioka</i>
PPT2-006	Interobserver Variability of Breast Ultrasound Categorization Modified by the Abcs-K for the Mammography and Ultrasonography Study for Breast Cancer Screening Effectiveness (Must Be) Trial <i>Eun Hye Lee, Eun Jung Choi, You Me Kim, Sung Hun Kim, Jae Kwan Jun</i>
PPT2-007	Mimic Breast Cancer as the Location of a Penetrating Breast Artery: A Case Series <i>Chiaki Taniguchi, Tomoyuki Ohta, Makiko Nishioka, Norio Nakata, Takako Shirakawa, Hiroya Ojiri</i>
PPT2-008	New Scoring System for the Evaluation of Breast Ultrasound Scanning Technique <i>Minako nakagawa, Kazutaka Nakashima, Hideaki Shirai, Norikazu Obane, Atsuo Kawamoto, Sachiyo Konno, Takae Kajihara, Masaru Sakurai</i>
PPT2-009	Pictorial Review - Male Breast Ultrasound <i>Shy Yunn Goh, Tarun Mohan Mirpuri</i>
PPT2-010	The Sonography is a Valuable Tool for Diagnosis of Microcalcification in Screening Mammography <i>Wen-Hsuan Huang, I-Wen Chen, Chen-Chun Yang, Ting-Ya Wang</i>
PPT2-011	Value of Combination of Shear-Wave Elastography and Color Doppler Us for Preventing Unnecessary Excision of Equivocal Fibroepithelial Lesions Diagnosed by Core Needle Biopsy <i>Ji Soo Choi, Eun Young Ko</i>

Track 3-Chest Ultrasound

- OPT3-003 The Role of Transthoracic Ultrasonography in Predicting the Outcome of Community - Acquired Pneumonia in Hospitalized Children
Yi-Ching Liu, Jiunn-Ren Wu, Jong-Hau Hsu, Zen-Kong Dai, I-Chen Chen

Track 4-ACUCI 2017 TAIPEI

- PPT4-001 A Case of Hepatic Inflammatory Angiomyolipoma with No Fat Cells Showing Time-Dependent Contrast-Enhanced Ultrasonography Findings
Takahito Iwai, Mutsumi Nishida, Satomi Omotehara, Satoshi Yabusaki, Koji Ogawa, Keisuke Okamura, Satoshi Hirano, Tomoko Mitsuhashi, Eiko Hayase, Chikara Shimizu
- PPT4-002 Sonazoid-Enhanced Ultrasonography Guidance Improves the Quality of Pathological Diagnosis in the Biopsy of Focal Hepatic Lesions
Yuji Eso, Atsushi Takai, Yoshihide Ueda, Hiroyuki Marusawa, Hiroshi Seno

Track 5-Echocardiography

- PPT5-003 Anomalous Left Coronary Artery from the Pulmonary Artery: Images Studies of Echocardiographic, Heart CT and Angiography
Be-Tau Hwang
- PPT5-004 Aorto-Atrial Fistula: An Echocardiographic Report
Tsuei-Yuan Huang, Bor-Ming Ku
- PPT5-006 Assessment 2D and 3D Global Longitudinal Strain of Abnormal LV Myocardial Deformation Properties Using 3D Speckle-Tracking Echocardiography in Young HCM
Qian Yang, Peng Tang, Iiwen Liu, Xiaodong Zhou, Shuping Ge
- PPT5-011 Detection of Left Ventricular Diastolic Dysfunction Grade I-II by New Dopplerographic Ratio E/E_a
Nikolai Nelassov, Emil Arzumanjan, Boris Ilyasov, Stanislav Zatonsky, Maxim Morgunov, Antonina Morozova, Andrei Palenui
- PPT5-015 Echocardiography in the Diagnosis of Direct Type Lv-Ra Shunt after Trauma: A Rare Case
Shao-Wei Huang
- PPT5-021 Is It Possible to Evaluate Regional Left Ventricular Myocardial Contractility with the Help of Reflected Intensive Motion Signals?
Nikolai Nelassov, Emil Arzumanjan, Boris Ilyasov, Olga Eroshenko, Nastya Mirgorodskaya
- PPT5-026 Rolling Thrombosis in Right Atrium Leading to CPR
Zhe-Zhong Lin, Tsuei-Yuan Huang
- PPT5-028 Chelation Therapy Has a Beneficial Effect in Ultrasonic Endothelial Function in Patients with Elevated Serum Lead or Cadmium Levels
Shoa-Lin Lin, Wei-Chun Huang

Track 6-Education in Medical Ultrasound

- PPT6-002 Limited Education of Lung Ultrasound Conducted to Medical Students: A Pilot Study
Sang Hun Lee, Jang Sun Lim, Han Ho Do, Kyu Ho Oh
- PPT6-003 The 100 Most-Cited Articles Focused on Ultrasound Imaging: A Bibliometric Analysis
Eun Joo Yun, Ji Yoon Moon, Chul Soon Choi, Dae Young Yoon

Track 7-Elastography

PPT7-001	Assessing Liver Stiffness by 2D-Shear Wave Elastography in a Healthy Cohort <i>Ioan Sporea, Anesa Mulabecirovic, Felix Bende, Alina Popescu, Roxana Sirli, Odd Helge Gilja, Mette Vesterhus, Roald Flesland Havre</i>
PPT7-002	Controlled Attenuation Parameter for Prediction of Hepatic Steatosis in a Taiwanese Cohort with Chronic Hepatitis <i>Shih-Jer Hsu, Jian-Jyun Yu, Min-Chin Chiu</i>
PPT7-003	Correlation between Fibroscan and ARFI Two-Location Measurement with Metavir Liver Fibrosis Score <i>Cheng-jen Chen, Pei-Kwei Tsay, Tse-Hwa Hsu, Shiu-Feng Huang, Wan-Ting Yu, Chun-Yen Lin, Dar-In Tai</i>
PPT7-004	Diagnostic Value and Reliability of Color Overlay Pattern of Shear - Wave Elastography for Assessing Palpable Breast Mass <i>Ok Hee Woo, Hye Seon Shin</i>
PPT7-006	Elastography in Microwave Ablation of Benign Thyroid Nodules: Relationship with Thyroid Function Levels and Contrast Enhanced Ultrasound Imagine <i>Qian Yang, Peng Tang, Guangbin He, Liwen Liu, Shuping Ge, Xiaodong Zhou</i>
PPT7-009	Learning Curve Evaluation Using Elastpq <i>Ioan Sporea, Ruxandra Mare, Alina Popescu, Roxana Sirli, Corina Pienar</i>
PPT7-010	Liver Stiffness Measurement in Chronic Hepatitis C Patients Who Failed Pegylated-Interferon and Ribavirin Combination Therapy <i>Lee-Won Chong, Yu-Min Lin, Hung-Chuen Chang, Yu-Hwa Liu, Kou-Ching Yang</i>
PPT7-012	Reproducibility and Diagnostic Performance of Shear Wave Elastography in Evaluating Breast Solid Mass <i>Ok Hee Woo, Hye Seon Shin</i>
PPT7-013	Shear Wave Elastography of the Spleen in Healthy Subjects <i>Kyung Jin Lee, Kyoung Won Kim, Sang Hyun Choi, So Yeon Kim, Gi Won Song, Sung Gyu Lee</i>
PPT7-016	Sonoelastographic Findings in De Quervain's Disease <i>Shih-Hao Cheng, Jyun-Yan Liou</i>
PPT7-018	The Cutoff Values of ARFI Two-Location Measurement in Different Metavir Fibrosis Scores and Etiologies <i>Dar-In Tai, Tse-Hwa Hsu, Po-Hsiang Tsui, Wan-Ting Yu, Shiu-Feng Huang, Yung-Liang Wan</i>
PPT7-019	The Value of 2D-Swe.Ge for the Evaluation of Liver Fibrosis in Patients with HCV Compensated Chronic Hepatopathies <i>Ioan Sporea, Felix Bende, Alina Popescu, Roxana Sirli, Mirela Danila, Ruxandra Mare, Ana-Maria Stepan</i>
PPT7-020	The Value of Elastpq in Healthy Subjects <i>Ioan Sporea, Ruxandra Mare, Alina Popescu, Roxana Sirli</i>
PPT7-021	Ultrasound Diagnosis of Liver Fibrosis Using Shear Wave Elastography <i>Chen-Chee Chiang, Jen-I Hwang</i>
PPT7-022	What to Do When Transient Elastography is Not Feasible? <i>Ioan Sporea, Raluca Lupusoru, Alina Popescu, Roxana Sirli, Mirela Danila, Radu Moleriu, Claudia Zaharia</i>

Track 8-Emergency and Critical Care Ultrasound

PPT8-001	Bedside Sonographic Characteristics of Early and Late Appendicitis <i>Young Rock Ha, Sung Min Jeong, Jong Kun Hong, So Ya Paik, Young Sik Kim</i>
PPT8-002	Detection of Interstitial Pregnancy with Rupture by Point-of-Care Ultrasound at Emergency Department: A Case Report <i>Chi-Yung Cheng, Hsiu-Yung Pan, Chia-Te Kung</i>
PPT8-004	Early Detection of Free Wall Rupture by Point of Care Ultrasound <i>Jen-Tang Sun, Bo-Hwi Kang</i>
PPT8-005	Emphysematous Pyelonephritis in a Diabetic Patient <i>Po-Chen Chou, Henry Kam-Hong, Cheng Weide Tsai, Wen Han Chang</i>

PPT8-006	Lung Ultrasound Findings in Radiographic Occult Pneumonias <i>Francis Lee</i>
PPT8-007	Role of Point of Care Ultrasound in the Diagnosis of Perforated Peptic Ulcer <i>Kuo-Chih Chen</i>
PPT8-008	Role of Point of Care Ultrasound in the Diagnosis of Thigh Foreign Body and Its Removal <i>Kuo-Chih Chen</i>
PPT8-009	The Applications of Us-Cab Protocol during Resuscitation <i>Wan-Ching Lien, Wei-Tien Chang, Meng-Che Wu, Cheng-Yi Wu</i>
PPT8-010	Use Point of Care Ultrasonography (POCUS) for Rapid Diagnosis of Acute Global Renal Infarction: Accelerate the Treatment and the Disposition <i>Wei-Jun Lin, Wei-Kung Chen</i>

Track 10-Fetal Echocardiography

PPT10-001	Prenatal Solitary Complete Heart Block <i>Kuan-Ying Lee, Peter Hsieh</i>
PPT10-002	The Usefulness of Ultrasound Fetal Screening in the Prenatal Diagnosis of Severe Congenital Heart Disease <i>Satoru Fukumoto, Tomomi Tanaka, Tomomi Kurosaki, Kayo Konari, Nobuo Akamatsu</i>

Track 11-Gynecologic/Obstetric Ultrasound

PPT11-001	Accuracy of Ultrasonography in Detecting Ectopic Pregnancy <i>Eliza Morada, Lee Wong Yin Yang, Suet Ling Candice Chow, Mei Qi, Chiou Li Ong, Sock Hui Shirlene Yeo</i>
PPT11-002	Comparative Analysis of Ultrasound and Magnetic Resonance Imaging in Fetal Tethered Cord Examination <i>Shaozheng He, Guorong Lyu, Tingting Huang, Yuting Wei</i>
PPT11-003	Fetal Cavum Septum Pellucidum - Tentorium Angle Measured with Three-Dimensional Ultrasonography and Its Clinical Value <i>Hainan Yang, Guorong Lyu</i>
PPT11-006	Non Visualization of Cavum Septum Pellucidum Does Not Mean Absence of Corpus Callosum: A Case Report <i>Pei-Yin Yang, Charles Tsung-Che Hsieh</i>
PPT11-007	Pre- and Post- Natal Us and Mri Findings of Fetal Brain Lesions: A Pictorial Review <i>Jeong Yeon Cho, Seung Hyup Kim, Min Hoan Moon, Sang Youn Kim</i>
PPT11-008	Prenatal Diagnosis of Tetrasomy 12P Mosaicism: A Case Report <i>Ching-Chang Tsai, Yun-Ju Lai Te-Yao Hsu</i>
PPT11-009	Prenatal Ultrasound Evaluation of the Position of Conus Medullaris for the Diagnosis of Tethered Cord Syndrome <i>Shaozheng He, Guorong Lyu Junxian Ruan, Yuting Wei</i>
PPT11-012	Sonohysterographic Findings of Endometrial Carcinomas in Women with Polycystic Ovarian Disease <i>Eun Ju Lee</i>
PPT11-013	Spectrum of Lesser Pelvis Masses during Pregnancy Detected by Ultrasonography <i>Boris Ilyasov, Yu.V. Chernyaeva, A.D. Zubov, O.V. Senchenko, N.N. Nelassov, I.V. Koroleva</i>
PPT11-015	Ultrasonography of a Single Pedunculated Subserosal Uterine Myoma <i>Jah-Yao Liu, Tun-Jun Wang, Chun-Kai Wang, Yu-Kuen Wang, Chen-Yu Wang, Po-Chao Hsu, Shao-Chi Fu, Hsiang-Chun Dong, Mu-Hsien Yu</i>
PPT11-016	Ultrasound Detection of a Foreign Body Reaction in a Cesarean Patient with Anti-Adhesive Barrier Placement <i>Shuenn-Dyh Chang, Sheng-Yuan Su</i>
PPT11-017	Us Evaluation of Uterine Cervical Lesions <i>Sung Bin Park, Hyun Jeong Park, Eun Sun Lee, Jong Beum Lee, Byung Ihn Choi</i>
PPT11-018	Case Report of Huge Lymphangioma over Fetal Back <i>Chia-Yun Lin</i>

PPT11-019	Growth Hormone Supplementation may Improve Endometrial Sonographic Pattern for Patients Ages>40 Years Undergoing in Vitro Fertilization <i>Kuo-Chung Lan</i>
PPT11-020	Huge Fetal Cervical Esophageal Duplication Cyst: A Case Review <i>Te-Yao Hsu</i>
PPT11-021	Congenital Cystic Adenomatoid Malformation of Lung: A Case Report <i>Wen-Hsin Chen</i>
PPT11-022	Intervention of Fetal Pleural Effusion in 3rd Trimester, A Case Report <i>Yu-Jung Lin</i>
PPT11-023	Case Report of Fetal Right-Sided Congenital Diaphragmatic Hernia <i>Yu-Min Chou</i>
PPT11-024	Case Report of Fetal Arrhythmia Noted during Third Trimester <i>Yun-Ju Lai</i>

Track 12-General and Abdominal Ultrasound

PPT12-001	Abdominal Tuberculosis with Splenomegaly and Hemolytic Anemia <i>Maria Goretti Ametembun</i>
PPT12-002	Abdominal Ultrasound Evaluation for a 3-Year-Old Man with Iron Deficiency Anemia and Abdominal Pain <i>Yu-Jia Wang</i>
PPT12-004	An Unusual Cause of Acute Pancreatitis: Pancreatic Arteriovenous Malformation <i>Shu-Yun Siao</i>
PPT12-005	B-Mode Ultrasound Features of a Distinct Entity: Decrum Disease (Lipomatosis Dolorosa) <i>Alpaslan Yavuz, Mesut Özgökçe, Harun Arslan, Abdussamet Batur</i>
PPT12-006	Cellular Angiofibroma of the Scrotum <i>YoungSeo Cho, Yongsoo Kim, Sanghyeok Lim</i>
PPT12-007	Clinical Usefulness of Transabdominal Us for the Focal Pancreatic Lesion <i>Hyo Won Eun, Jung Hoon Kim</i>
PPT12-009	Extrapulmonary Tuberculosis in Adult (Ultrasound Finding) <i>Maria Goretti Ametembun</i>
PPT12-010	Extrapulmonary Tuberculosis in Children (Ultrasound Finding) <i>Maria Goretti Ametembun</i>
PPT12-011	Focal Gallbladder Compression Sign during Abdominal Sonography: What Does This Mean? <i>Hyun Cheol Kim, Sang Won Kim, Ji Su Kim, Dal Mo Yang</i>
PPT12-012	Fusobacterium Nucleatum and Actinomyces Co-Infection of Liver Mimicking Liver Malignancy: A Rare Case Report of Radiological, Sonographic and Pathology Evaluation <i>Chih-Jung Chen, Hsu-Heng Yen</i>
PPT12-013	Gastric Lipoma: A Rare Cause of Upper Gi Bleeding with Abdominal Ultrasound Evaluation <i>Hsu-Heng Yen, Chih-Jung Chen</i>
PPT12-014	Hepatic Arterial Infusion of Chemotherapy for Hepatocellular Carcinoma: The Extremely Rare Case of more than 10 Years Survival after Treatment <i>Ching-I Huang</i>
PPT12-015	Interobserver Concordance of Transabdominal Sonography and Colonoscopy in Ulcerative Colitis <i>Satomi Omotehara, Mutsumi Nishida, Kenji Kinoshita, Reizo Onishi, Takehiko Katsurada, Aki Onodera, Mitsuhisa Suya, Toru Hasegawa, Daiki Mitsumori, Chikara Shimizu</i>
PPT12-016	Interpretation Us Elastography in Chronic Hepatitis B with or without Anti-HBV Therapy <i>Cheng-Han Lee, Yung-Liang Wan, Tse-Hwa Hsu, Shiu-Feng Huang, Ming-Chin Yu, Wei-Chen Lee, Po-Hsiang Tsui, Yi-Cheng Chen, Chun-Yen Lin, Dar-In Tai</i>
PPT12-017	Isolated Hepatic Tuberculosis Presented as a Hepatic Pseudotumor <i>Jui-Ting Hu, Chi-Chun Huang, Hsin-Yi Chen, Sien-Sing Yang, Yi-Wen Huang</i>

PPT12-018	Lipomatosis of Kidney Mimicking Hydronephrosis or Urothelial Carcinoma of Renal Pelvis on Sonography <i>Mein-Kai Gueng, San-Kan Lee, Clayton CC Chen</i>
PPT12-019	Long-Term Nucleos(T) Ides Analogues Improve Liver and Spleen Size <i>Ruei-Hsin Chang, Tsolmon Nyamsuren, Sarvesh Gyawali, Yi-Wen Huang, Rui-Ting Hu, Sien-Sing Yang</i>
PPT12-020	Microvascular Ultrasound Imaging for a Case of Small Bowel Hematoma <i>Sin-Yi Jian, Hsu-Heng Yen, Shun-Shen Wu, Maw-Soan Soon</i>
PPT12-021	Pancreas Ultrasound Finding among Abdominal Tuberculosis with Dyspeptic Syndrome <i>Maria Goretti Ametembun</i>
PPT12-022	Plexiform Fibromyxoma of Stomach: A Rare Case Report of the Sonographic and Pathological Evaluation <i>Chih-Jung Chen, Hsu-Heng Yen, Pei-Ru Wu</i>
PPT12-023	Recurrent Lower Abdominal Pain among the Infertility <i>Maria Goretti Ametembun</i>
PPT12-025	Role of Emergency Ultrasound in the Diagnosis of Liver Abscess <i>Shih-chun Chien, Henry Kam-Hong Cheng, Wei-De Tsai, Wen-Han Chang</i>
PPT12-026	Small Bowel Ultrasound among Undernourished Children <i>Maria Goretti Ametembun</i>
PPT12-027	Small Bowel Ultrasound Findings of Recurrent Colic Abdominal Pain due to Peritonitis Tuberculosis among the Children <i>Maria Goretti Ametembun</i>
PPT12-028	Sonographic Approach in Patients with Right Upper Quadrant Pain: What the Radiologist Needs to Know <i>Hyun Cheol Kim, Sang Won Kim, Ji Su Kim, Dal Mo Yang</i>
PPT12-029	Sonographic Findings of Malignant Appendix Tumors in 7 Cases <i>Hyuk Jung Kim, Kyung Su Kwag</i>
PPT12-032	The Utilization of Upper Abdominal Ultrasonography in Taiwan <i>Jeong-Shi Lin, Tzeon-Jye Chiou</i>
PPT12-034	Ultrasonographic Atlas of Splenic Lesions <i>Kyeong Ah Kim, Gayoung Choi, Jung Woo Kim, Yang Shin Park, Jong Mee Lee, Jae Woong Choi, Chang Hee Lee, Cheol Min Park</i>
PPT12-035	Ultrasonography of Perinephric Fluid: Differential Diagnosis and Image Interpretation <i>Teng-Fu Tsao, Chih-Wei Chen, Hsin-Hui Huang, Yeu-Sheng Tyan</i>
PPT12-036	Ultrasound Finding of Unusual Duodenal Tumor: Brunner's Gland Hamatoma <i>Lisha Wu, Hsu-Heng Yen, Shun-Sheng Wu, Maw-Soan Soon</i>
PPT12-037	Ultrasound of Peritoneal (Dry Type) and Small Bowel Tuberculosis among HIV-AIDS <i>Maria Goretti Ametembun</i>
PPT12-038	Value of Us in Patients with Equivocal CT Findings of Acute Appendicitis: Comparison with CT Reassessment <i>Hyuk Jung Kim, Ji Ye Sim</i>
PPT12-039	Very Important Ultrasound Role in Diagnose & Treatment Follow-Up Peritoneal and Small Bowel Tuberculosis <i>Maria Goretti Ametembun</i>
PPT12-040	Ultrasound of Peritoneal and Small Bowel Tuberculosis among Mental Illness Patients <i>Maria Goretti Ametembun</i>
PPT12-041	Ultrasound-Guided Percutaneous Core Needle Biopsy of Splenic Lesions <i>Yong Moon Shin, SangIk Park, HyungJin Won, PyoNyun Kim, Moon-Gyu Lee, So Yeon Kim</i>

Track 13-Otolaryngology & Head Neck Ultrasound

PPT13-001	Assessment of Carotid Artery Intima-Media Thickness in Patients with Obstructive Sleep Apnea <i>Li-Jen Liao, Tsung-Wei Huang</i>
PPT13-002	Intra-Operative Ultrasound Guided Trans-Oral Robotic Surgery (TORS) for Recurrent Oropharyngeal Cancers <i>Ben Stenberg, Victoria Cooke, Vinidh Paleri, Andrew McQueen</i>
PPT13-003	Traumatic Pseudoaneurysm of the Superficial Temporal Artery Occurring in the Frontal Region: Case Report and Review of Literature <i>Siew Kune Wong</i>

Track 14-Interventional/perioperative/Anesthesiologic Ultrasound

PPT14-001	Application of Contrast-Enhanced Ultrasound in the Evaluation of Prognosis of Acute Kidney Injury in Critically Ill Patients <i>Dong Wang, Xiang Jing, Lei Xu</i>
PPT14-002	Application of Pulsed Wave Tissue Doppler Image (TDI) in Iatrogenic Right Coronary Ostial Stenosis and Acute Right Heart Failure during Aortic Valve Replacement: A Case Report and Literature Review <i>An-Hsun Chou, Min-Wen Yang, Meng-Ling Hsieh</i>
PPT14-003	Audit of Ultrasound-Guided Diffuse Renal Biopsies in Newcastle (NUTH) Radiology 2014-16: Complications and Adequacy Rates <i>Andrew McNeill, Jonathan Watt</i>
PPT14-004	Biliary Decompression by Percutaneous Us-Controlled Cholangiostomy in Mechanical Jaundice of Tumor Origin <i>Boris Ilyasov, A.D. Zubov, O.V. Senchenko, A.A. Nikulina, N.J. Nelassov, A.V. Erofeeva</i>
PPT14-005	Clinical Application of Ultrasound-Guided, Continuous Infra-Clavicular Brachial Plexus Blockade in Burn Patients on Full Thickness Skin Graft Surgery <i>An-Hsun Chou, Min-Wen Yang, Hsin-I Tsai</i>
PPT14-008	Efficacy of Ultrasound-Guided Pulsed Radiofrequency for Recalcitrant Metatarsalgia: A Case Report <i>Tsung-Yen Ho, Ming-Jen Ke, Yin-Yin Wu, Yung-Tsan Wu</i>
PPT14-010	Intraoperative Ultrasound During Video-Assisted Thoracic Surgery for Solitary Pulmonary Nodules <i>Wu-Huei Hsu, Chia-Hung Chen, Wei-Chih Liao, Tin-Han Chen, Bing-Ru Wu, Chih-Yen Tu, Te-Chun Hsia</i>
PPT14-013	Real-Time Overlapping Fusion Imaging during Radiofrequency Ablation Zone on 3D Ultrasound Images with Automatic Expectation of Posterior Margin <i>Sun Young Lee, Dong Il Choi, Min Woo Lee</i>
PPT14-014	Success and Complication Rates of Ultrasound-Guided Core Biopsies of Abdominal and Thoracic Lesions at a UK Based Tertiary Referral Centre from 2014-2016 <i>Andrew McNeill, M Parameswaran, A Calciu, J Reicher, N Al Zuhir, B Stenberg, T Hoare</i>
PPT14-015	The Usefulness of "Modified MOSE" <i>Yen-Chih Lin</i>
PPT14-016	Utility of Trans-Operatory Sonography in Neurosurgery for Brain Tumors Excision <i>Raul Moran-Martinez, Hector Velasquez-Santana, Francisco Guerrero-Jazo, Klaus Resch, Everardo Escamilla-Gutierrez, Monserrat Almaguer-Ascencio, Miguel Andrade Ramos, Sergio Esparza-Gutierrez, Andrea Barragan Gutierrez, Andrea Tornero Jimenez</i>

Track 15-Musculoskeletal Ultrasound

PPT15-002	Carpal Tunnel Syndrome with Bifid Median Nerve: Sonographic and Electrophysiological Findings <i>Chi-Pei Chung</i>
PPT15-003	Chronic Knee Pain Distribution of Old Patients in Performing Ultrasound-Guided Intervention <i>Eun Ji Choi</i>

PPT15-004	Clinical Outcome and Sonographic Findings on Hemiplegic Shoulder Pain and Rotator Cuff Injuries after Hyaluronic Acid Injection in Subacute Stroke Patients <i>Yu-Chi Huang, Chau-Peng Leong, Mei-Ju Chen, Lin-Yi Wang</i>
PPT15-005	Effects of Ultrasound-Guided Extracorporeal Shockwave Therapy on the Rehabilitation of Patients with Piriformis Syndrome <i>Mao-Hsiung Huang, Tien-Wen Chen, Chia-Hsin Chen, Chia-Ling Lee</i>
PPT15-007	Healing of Achilles Tendon Partial Tear Following Focused Shockwave: A Case Report and Literature Review <i>Yu-Chun Hsu, Wei-Ting Wu</i>
PPT15-008	Hemodynamic Changes of Posterior Tibial Artery during En Pointe Position in Pre-Professional Dancers <i>Wen-Shiuan Shih, Chueh-Hung Wu, Tyng-Guey Wang</i>
PPT15-009	Human Leukocyte Antigen-B In Patients with Psoriasis and Psoriatic Arthritis <i>Chih-Wei Tseng, Chao-Kuei Juan, Chien-Shan Chiu, Chung-Yang Yen, Chiann-Yi Hsu, Kuo-Lung Lai</i>
PPT15-010	Joint Sonography in Patient with Hematoidin Crystals in a Clinically Suspected Septic Arthritis <i>Chih-Wei Tseng, Chong-Hong Lim, Jau-Chung Hwang, Yun Chen, Ching-Tsai Lin</i>
PPT15-011	Joint Ultrasound In Patients with Psoriasis and Psoriatic Arthritis <i>Chih-Wei Tseng, Chao-Kuei Juan, Chung-Yang Yen, Chien-Shan Chiu, Chiann-Yi Hsu, Kuo-Lung Lai</i>
PPT15-012	Management of Refractory Sciatic Neuropathic Pain Using Ultrasound-Guided Pulsed Radiofrequency <i>Min Cheol Jang, Dong Gyu Lee</i>
PPT15-013	Sonography for Localized Cutaneous Nodular Amyloidosis in a Patient with Systemic Lupus Erythematosus <i>Chih-Wei Tseng, Kuo-Lung Lai, Hsin-Hua Chen</i>
PPT15-014	The Role of Ultrasound in the Evaluation of Peripheral Nerves Abnormalities <i>Denise Lau, Chin Chin Ooi, Gaik Mooi Tan, P Chandra Mohan</i>
PPT15-015	The Use of Ultrasonography and Nerve Conduction Study to Assess Outcomes and Prognostic Indicators in Carpal Tunnel Syndrome: A Study in Patients Treated with Night Splinting <i>Lin-Yi Wang, Mei-Yun Liaw, Yu-Chi Huang, Hsiao-Lan Chen, Yiu-Chung Lau, Ya-Ping Pong</i>
PPT15-016	Ultrasono Guide Mr Arthrography: How Can Do and Success Rate <i>Dal Su Park</i>

Track 16-Nephro-/Urologic Ultrasound

PPT16-001	Churg-Strauss Syndrome Involving Testis and Epididymis <i>Yong Soo Kim, Young Seo Cho, Sang Hyeok Lim</i>
PPT16-002	Diagnostic Evaluation of Wunderlich Syndrome in Chronic Kidney Disease by Point-of-Care Ultrasonography <i>Wei-Wen Chang, Sheng-Wen Ko, Chien-Lu Lu, Yu-Tzu Tsao</i>
PPT16-004	Lower Pelvicallyceal Transitional Cell Carcinoma of Right Kidney Mimicking a Peripelvic Cyst on Renal Ultrasound <i>Jenn-Yeu Wang, Yi-Chin Chang, Mu-Jung Kao, Chung-Ming Lo</i>
PPT16-005	Retrospective Comparison of Renal Ultrasonographic and Clinical Findings in Patients with Rhabdomyolysis <i>Jae Joon Chung, Eun Suk Cho</i>
PPT16-006	Role of Ultrasound in the Diagnosis of Mesh Migration into the Urinary Bladder after Inguinal Hernia Repair: A Rare Case Report <i>Chian-Shiung Lin, Chih-Cheng Lu</i>
PPT16-007	Sonography in Different Practice Guidelines for Diagnosis of Erectile Dysfunction <i>Chih-Cheng Lu</i>
PPT16-008	Ultrasonic Prostatic Evaluation between Transrectal and Transabdominal Routes <i>Chih-Cheng Lu, Wen-Chou Fan, Chian-Shiung Lin, Chia-Ho Lin, Tse-Chou Cheng</i>
PPT16-009	Ultrasonographic Appearance of Tumors of the Testis: Radiologic-Pathologic Correlation <i>Yong Soo Kim, Young Seo Cho, Sang Hyeok Lim</i>
PPT16-010	Ultrasound Volume of the Testes in Infertile Men with Azoospermia <i>Min Hoan Moon, Ju Tae Seo, Yi Keong Chun, Chang Kyu Sung, Jeong Yeon Cho, Seung Hyup Kim</i>

Track 17-Neurosonology

PPT17-001	Association of 10-Year Atherosclerotic Cardiovascular Disease Risk Score with Carotid Atherosclerosis in Middle-Aged Abdominal Obesity Patients with Type 2 Diabetes Mellitus <i>Yi-Mei Wang, Wen-Jane Lee, Wayne H-H Sheu</i>
PPT17-002	Influence of Pulsed Wave Doppler Angle on Diagnosis of Internal Carotid Artery Stenosis <i>Haruki Igarashi, Madoka Okamura, Hidehiro Takekawa, Keisuke Suzuki, Kentaro Iizuka, Yuka Tsukahara, Ayano Suzuki, Akio Iwasaki, Koichi Irata, Etsuo Takada</i>
PPT17-003	Pulse-Doppler Ultrasound of Internal Carotid Artery for Diagnosis of Patent Foramen Ovale <i>Suzuki Ayano, Hidehiro Takekawa, Keisuke Suzuki, Kentaro Iizuka, Haruki Igarashi, Yuka Tsukahara, Akio Iwasaki, Madoka Okamura, Koichi Hirata, Etsuo Takada</i>
PPT17-004	Ultrasonographic Manifestations of Common Carotid Artery in Syphilis <i>Chi-Pei Chung</i>
PPT17-005	Usefulness of Acceleration Time for Assessment of Stenosis in the Internal Carotid Artery <i>Kentaro Iizuka, Hidehiro Takekawa, Keisuke Suzuki, Haruki Igarashi, Yuka Tsukahara, Ayano Suzuki, Akio Iwasaki, Madoka Okamura, Koichi Hirata, Etsuo Takada</i>

Track 18-Pediatric Ultrasound

PPT18-002	Cranial Ultrasonographic Screen in Healthy Neonates <i>Yi-Jie Lin, Nan-Chang Chiu, Che-Sheng Ho</i>
PPT18-003	Decision Making of Clinical Management by Sonography in a Very Low Birth Weight Infant with Hydrocephalus <i>Nan-Chang Chiu</i>
PPT18-005	Imaging Findings of Rapunzel Syndrome Including Sonography <i>Alpaslan Yavuz, Mehmet Melek, İlyas DüNDAR, Sümeyra Demirkol Alagöz, Fatma Durmaz</i>
PPT18-006	Newborn Ultrasound Screen Program for Developmental Dysplasia of the Hip: A Local Women's and Children's Hospital Experience in Taiwan <i>Wei-Yuan Huang, Tsung-Sheng Huang, Yi-Cian Liu, Bin-Kun Hong</i>
PPT18-007	Performed Sternocleidomastoid (SCM) Muscle and Hip Ultrasound in Infantile Muscular Torticollis <i>Ya-Mei Chang</i>
PPT18-008	Role of Echocardiographic Diagnosis for an Adolescent with Sudden Cardiac Arrest <i>In-Teng Mio</i>
PPT18-009	When is the Optimal Timing for Evaluation of Spine Us for Sacral Dimple in Neonates?: The Earlier Evaluation is Not Always Better than the Later <i>Hyun Hae Cho, Wee Kyoung Kim</i>

Track 20-Therapeutic Ultrasound

PPT20-001	Antitumor Effects of Combining Hemocoagulase with the Blocking Microvascular Action of Microbubbles Enhanced Ultrasound Cavitation on Rabbit Vx2 Liver Tumor <i>Qian Yang, Peng Tang, Guangbin He, Liwen Liu, Xiaodong Zhou, Shuping Ge</i>
PPT20-002	Application of Ethanol-Enhanced Percutaneous Laser Ablation for of Rabbit Vx2 Liver Tumors <i>Qian Yang, Peng Tang, Guangbin He, Liwen Liu, Xiaodong Zhou, Shuping Ge</i>
PPT20-004	Exosomes Are Potential Novel Mediators for Microbubbles Enhanced Ultrasound Cavitation-Induced Anti-Inflammatory Therapies <i>Qian Yang, Xiaodong Zhou, Xiaofeng Yang, Liwen Li</i>
PPT20-005	Hemocoagulase Combined with Microbubble-Enhanced Ultrasound Cavitation for Augmented Ablation in Rabbit Liver Microvasculature <i>Qian Yang, Peng Tang, Guangbin He, Liwen Liu, Xiaodong Zhou, Shuping Ge</i>
PPT20-007	Therapeutic Ultrasound-Induced Antitumor Immune Response and Enhanced by Immunostimulant for Tumor Treatment <i>Ting-Chuan Li, Shi-Chuen Miaw, Win-Li Lin</i>

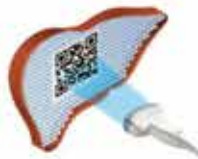
Track 21-Small Parts & Vascular Ultrasound

PPT21-002	Assessment of Ultrasound 3D Volume Automated Software in the Measurement and Follow-Up Assessment of Aortic Aneurysms Post Endovascular Aortic Repair (EVAR) <i>Ben Stenberg, Kristina Lane, Andrew McNeill, Simon Richards</i>
PPT21-004	Clinical Utility of Preoperative Carotid Duplex Ultrasonography Prior to Operation for Peripheral Artery Disease <i>Ki Seok Choo</i>
PPT21-005	Comparison of Popliteal Artery between Fracture and Nonfracture Sides by Ultrasound in Patients with Femur Fracture <i>Kwang Jae Lee, Yoo Hyun Im, Jin Gyung Lee, Yong Soon Yoon</i>
PPT21-006	Sonographic Diagnosis of Takayasu's Arteritis in a Pediatric Girl <i>Wai Pong Chu, Peggy Tang Wai, Yee Lydia Chan</i>

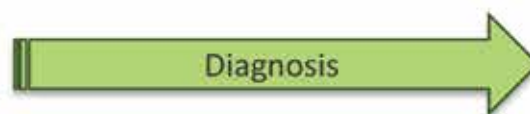
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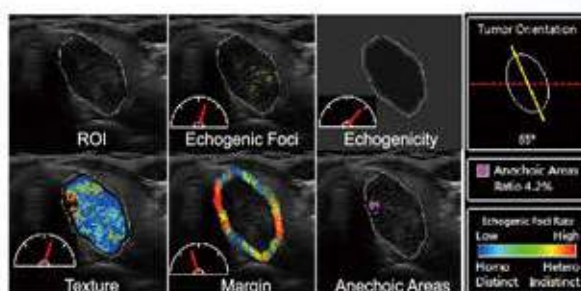
■ Place: 4F, V I P

■ Time: 12:15~13:15

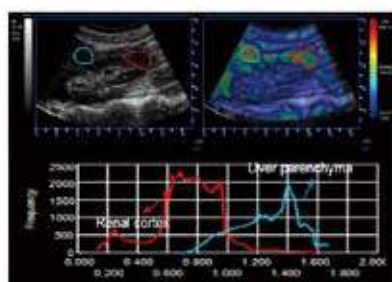


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10/16

Track: Endocrinology Ultrasound

■ Place: Room 201 DE ■ Time: 09:30~11:00

Topic	Time	Speaker
Computer-Aided Diagnosis in Thyroid Nodular Diseases	10/16(Mon.) 09:30~10:00	Tien-Chun Chang 張天鈞 榮譽教授
Can Thyroid Ultrasonography with Computer System Predict Thyroid Follicular Cancer?	10/16(Mon.) 10:30 ~11:00	Chwen-Tzuei Chang 張淳堆 顧問

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Satellite Symposium

Saturday 14 October

Time: 12:15 – 13:15 Room: 3F Banquet Hall

Advanced tools for the evaluation of liver diseases

Chair: Prof. Yi-Hong Chou, Taipei Veterans General Hospital, Yuanpei University of Medical Technology, Hsinchu, Taiwan

Clinical value of the latest shear wave technologies for routine liver assessment

Dr. Giovanna Ferraioli
University of Pavia, Italy

Dispersion (viscosity) imaging using 2D shear wave elastography

Prof. Fuminori Moriyasu
International University of Health and Welfare, Japan

Sunday 15 October

Time: 12:15 – 13:15 Room: 201 BC

New clinical insights with ultra-high frequency ultrasound

Chair: Prof. Wen-Shiang Chen, National Taiwan University Hospital

Clinical benefits of ultra-high frequencies in MSK and Small Parts

Prof. Adrian Lim
Imperial College & NHS Trust, United Kingdom

Redefining diagnostic expectations using next generation ultrasound

Stephen Bird
Benson Radiology, Australia

Lunch boxes will be provided. Limited number available.

