

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

Time	Topic	Speaker	Moderator
<b>Free Paper (9-min oral + 5-min Q&amp;A)</b>			<b>(South Lounge, 3F)</b>
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		
<b>Symposium</b>			<b>(South Lounge, 3F)</b>
13:30-14:00	Ultrasound Guided Procedures in the Point of Care Setting	Michael Blaivas (United States)	Shigao Chen (United States)
14:00-14:30	Ultrasound Elastography Principles & Application in Liver	Giovanna Ferraioli (Italy)	Huihua Chiang (Taiwan)
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)



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

<b>Time</b>	<b>Topic</b>	<b>Speaker</b>	<b>Moderator</b>
<b>Free Paper (9-min oral + 5-min Q&amp;A)</b>			<b>(Joy Lounge, 4F)</b>
10:30-10:44	Diagnostic Algorithm of Cystic Echinococcosis in Rural Setting of Mongolia	Bolor Bold (Mongolia)	Iwaki Akiyama (Japan) Won Jae Lee (South Korea)
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)	
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)	