

Imaging Summit 2022

JKTHS Neuroradiology workshop

國際影像高峰會暨

日本、韓國、台灣、香港、新加坡神經放射研討會

Dementia: NeuroImage and AI

 10.15 Sat.

 實體場 & 線上直播

4F, United Medical Building (Front Building)
Taipei Medical University, Taiwan

臺北醫學大學醫學綜合大樓前棟4樓 誠樸廳



Agenda

08:30-08:55	Registration
09:00-09:05	Opening
	Speaker <i>Prof. Sandy, Cheng-Yu Chen</i> Distinguished professor and vice president, Taipei Medical University
09:05-09:10	Opening
	Speaker <i>Prof. Wan-Yuo Guo</i> President of The World Federation of Neuroradiological Societies
09:10-09:15	Group photo
Keynote Speech	
09:15-09:45	Diagnosis and disease modifying treatment of Alzheimer's disease: The Alzheimer's disease Neuroimaging Initiative (ADNI)
	Speaker <i>Prof. Michael Weiner (MD., USA)</i> Professor, Radiology, School of Medicine, University of California, San Francisco Principal Investigator of Alzheimer's Disease Neuroimaging Initiative (ADNI) and Brain Health Registry
	Moderator <i>Prof. Sandy, Cheng-Yu Chen</i> Distinguished professor and vice president, Taipei Medical University
09:50-10:20	Applications of AI in Neuroimaging and Dementia
	Speaker <i>Prof. Yvonne W Lui (MD., USA)</i> Professor, Radiology Department, New York University Grossman School of Medicine Vice Chair, Research, Department of Radiology, NYU Langone Health
	Moderator <i>Prof. Chao-Bao Luo</i> President of The Neuroradiological Society of Taiwan
Special Lecture	
10:25-10:45	The Role of Amyloid in Alzheimer's Disease
	Speaker <i>Prof. Chaur-Jong Hu (M.D., Taiwan)</i> Professor, department of Neurology, Vice Dean, College of Medicine, Taipei Medical University Director, Dementia center, Taipei Medical University, Shuang Ho Hospital
	Moderator <i>Dr. Sho-Jen Cheng</i> Chairman, Department of Medical Imaging, Taipei Medical University Hospital
10:50-11:10	Tea Break
11:10-11:30	The role of radiologists in the aging society
	Speaker <i>Prof. Kei Yamada (MD., Ph.D., Japan)</i> Chairman of Radiology, Kyoto Prefectural University of Medicine
	Moderator <i>Prof. Kohsuke Kudo (Japan)</i> Department of Diagnostic Imaging, Hokkaido University Graduate School of Medicine
11:35-11:55	Glymphatic system and dementia
	Speaker <i>Prof. Seung Hong Choi (MD., Ph.D., Korea)</i> Professor, Department of Radiology, Seoul National University Hospital and Seoul National University College of Medicine
	Moderator <i>Prof. Lim Choie Cheio Tchoyoson (Singapore)</i> Senior Consultant, Department of Neuroradiology, National Neuroscience Institute
12:00-12:20	Synthetic Aging Brain: an autoencoder-based brain 4D degeneration maps prediction model for aging and dementia
	Speaker <i>Assistant Research Fellow, Yi-Tien Li (Ph.D., Taiwan)</i> Assistant Research Fellow, Neuroscience Research Center, Taipei Medical University Research Fellow, Translational Imaging Research Center, Taipei Medical University Hospital
	Moderator <i>Lecturer, Yueh-hsun Lu</i> Chairman, Department of Radiology, Taipei Medical University-Shuang Ho Hospital, Ministry of Health and Welfare
12:25-12:35	Closing Remarks
	Speaker <i>Prof. Sandy, Cheng-Yu Chen</i>
12:35-13:50	Lunch Break

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13:50-13:55 Opening		Speaker <i>Prof. Chao-Bao Luo</i> , President of The Neuroradiological Society of Taiwan
Japan Session		
13:55-14:10	Quantitative parameter mapping of contrast agent concentration and relaxivity and brain tumor extracellular pH	Speaker <i>Assistant Prof. Yuki Matsumoto (MD., Ph.D.)</i> Assistant Professor, Graduate School of Biomedical Sciences, Tokushima University
14:10-14:25	Deep Learning Reconstruction for Image Quality Improvements on Brain CT	Speaker <i>Associate prof. Kazuhiro Murayama (MD., Ph.D.)</i> Department of Radiology, Fujita Health University School of Medicine
14:25-14:40	Multi-phase Arterial Spin Labeling MRI for Dementia and Neurovascular disease	Speaker <i>Associate Prof. Osamu Togao (MD., Ph.D.)</i> Department of Molecular Imaging & Diagnosis, Graduate School of Medical Sciences, Kyushu University
Korea Session		
14:45-15:00	Blood-CSF-barrier and choroid plexus dysfunction linked to Alzheimer Disease: Multi-modal MR Imaging Study	Speaker <i>Prof. Won-Jin Moon (MD., Ph.D.)</i> Chairperson, Department of Radiology, Konkuk University School of Medicine Director of Translational Research Center, Konkuk University Medical Center
15:00-15:15	Artificial Intelligence Research Experiences on Neurodegenerative Diseases	Speaker <i>Assistant Prof. Chong Hyun Suh (MD., Ph.D.)</i> Neuroradiology section, Department of Radiology and Research Institute of Radiology, Asan Medical Center
15:15-15:30	Meningeal Lymphatic Vessels and Neuroimaging: Focused on Neurodegenerative Disease	Speaker <i>Assistant Prof. Mina Park (MD., Ph.D.)</i> Department of Radiology, Gangnam Severance hospital, Yonsei University College of Medicine
15:35-15:55 Tea Break		
Taiwan Session		
15:55-16:10	Noninvasive glymphatic imaging: an attempt to depict the glymphatics in a diseased model	Speaker <i>Dr. Chia-Hung Wu (MD., Ph.D.)</i> Attending physician, Department of Radiology, Taipei Veterans General Hospital Secretary General, Neuroradiological Society of Taiwan
16:10-16:25	Prediction of Postconcussion Working Memory Decline Using fMRI and SVM	Speaker <i>Dr. Yung-Chieh Chen (MD., Ph.D.)</i> Resident Physician, Department of Medical Imaging, Taipei Medical University Hospital Translational Imaging Research Center (TIRC), Taipei Medical University Hospital
16:25-16:40	Developing an AI application in acute stroke imaging: from scratch to hatch	Speaker <i>Dr. Yueh-Sheng Chen (MD.)</i> Radiologist, Division of Neuroradiology, Kaohsiung Chang Gung Memorial Hospital
Hong Kong & Singapore Session		
16:45-17:00	Dementia & Brain Volumes - What the Radiologists Needs to Know	Speaker <i>Prof. Chan Ling Ling (M.D., Singapore)</i> Professor, Radiological Sciences and Neuroscience Academic Clinical Programmes, Duke-NUS Medical School
17:05-17:20	Implementation of Artificial Intelligence for Acute Intracranial Haemorrhage Detection on CT Brain in Queen Elizabeth Hospital	Speaker <i>Dr. Koel Wei Sum Ko (M.D., Hong Kong)</i> Associate Consultant, Department of Radiology & Imaging, Queen Elizabeth Hospital
17:25-17:35 Closing Remarks		
Speaker <i>Prof. Chao-Bao Luo</i>		

中華民國神經放射線醫學會 30 學分

中華民國放射線醫學會教育積分 8 分/認定時數 7 小時

主辦單位



協辦單位



認證單位

