

# 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: Neurolmage 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	Prof. Chien-Huang Lin President of Taipei Medical University	
09:05-09:10	Opening		
	Speaker	Prof. Wan-Yuo Guo 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)		
*Teleconference	Speaker	Prof. Michael Weiner (MD., USA) Professor, Radiology, School of Medicine, University of California, San Francisco Principal Investigator of Alzheimer’s Disease Neuroimaging Initiative (ADNI) and Brain Health Registry	
	Moderator	Prof. Sandy, Cheng-Yu Chen Distinguished professor and vice president, Taipei Medical University	
09:50-10:20	Applications of AI in Neuroimaging and Dementia		
*Teleconference	Speaker	Prof. Yvonne W Lui (MD., USA) Professor, Radiology Department, New York University Grossman School of Medicine Vice Chair, Research, Department of Radiology, NYU Langone Health	
	Moderator	Prof. Chao-Bao Luo President of The Neuroradiological Society of Taiwan	
Special Lecture			
10:25-10:45	The Role of Amyloid in Alzheimer’s Disease		
	Speaker	Prof. Chaur-Jong Hu (M.D., Taiwan) Professor, department of Neurology, Vice Dean, College of Medicine. Taipei Medical University Director, Dementia center, Taipei Medical University, Shuang Ho Hospital	
	Moderator	Dr. Sho-Jen Cheng 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	Prof. Kei Yamada (MD., Ph.D., Japan) Chairman of Radiology, Kyoto Prefectural University of Medicine	
	Moderator	Prof. Kohsuke Kudo (Japan) Department of Diagnostic Imaging, Hokkaido University Graduate School of Medicine	
11:35-11:55	Glymphatic system and dementia		
	Speaker	Prof. Seung Hong Choi (MD., Ph.D., Korea) Professor, Department of Radiology, Seoul National University Hospital and Seoul National University College of Medicine	
	Moderator	Prof. Lim Choie Cheio Tchoyoson (Singapore) 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	Assistant Research Fellow, Yi-Tien Li (Ph.D., Taiwan) Assistant Research Fellow, Neuroscience Research Center, Taipei Medical University Research Fellow, Translational Imaging Research Center, Taipei Medical University Hospital	
	Moderator	Lecturer, Yueh-hsun Lu Chairman, Department of Radiology, Taipei Medical University-Shuang Ho Hospital, Ministry of Health and Welfare	
12:25-12:35	Closing Remarks		
	Speaker	Prof. Sandy, Cheng-Yu Chen	
12:35-13:50	Lunch Break		

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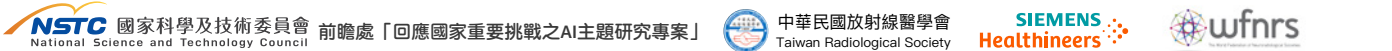
13:50-13:55	Opening		
	Speaker	Prof. Chao-Bao Luo, President of The Neuroradiological Society of Taiwan	
Japan Session			
13:55-14:10	Quantitative parameter mapping of contrast agent concentration and relaxivity and brain tumor extracellular pH		
	Speaker	Assistant Prof. Yuki Matsumoto (MD., Ph.D.) Graduate School of Biomedical Sciences, Tokushima University	Chairperson Prof. Yoshiyuki Watanabe Department of Radiology, Shiga University of Medical Science  Prof. Kohsuke Kudo Department of Diagnostic Imaging, Hokkaido University Graduate School of Medicine
14:10-14:25	Deep Learning Reconstruction for Image Quality Improvements on Brain CT		
	Speaker	Associate prof. Kazuhiro Murayama (MD., Ph.D.) 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	Associate Prof. Osamu Togao (MD., Ph.D.) 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		Chairperson Prof. Chul-Ho Sohn Department of Radiology, Seoul National University Hospital and Seoul National University College of Medicine  Prof. Eung Yeop Kim Department of Radiology, Samsung medical center
	Speaker	Prof. Won-Jin Moon (MD., Ph.D.) 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	Assistant Prof. Chong Hyun Suh (MD., Ph.D.) 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	Dr. Mina Park Gangnam Severance Hospital	
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		Chairperson Associate Prof. Wei-Che Lin Radiologist, Division of Neuroradiology, Kaohsiung Chang Gung Memorial Hospital  Associate Prof. Feng-Chi Chang Chief, Division of Neuroradiology, Dept. of Radiology, Taipei Veterans General Hospital
	Speaker	Dr. Chia-Hung Wu (MD., Ph.D.) 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	Dr. Yung-Chieh Chen (MD., Ph.D.) 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	Dr. Yueh-Sheng Chen (MD.) 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		Chairperson Prof. Lim Choie Cheio Tchoyoson (M.D., Singapore) Senior Consultant, Department of Neuroradiology, National Neuroscience Institute  Clinical Associate Prof. Henry Mak (M.D., Hong Kong) Department of Diagnostic Radiology, LKS Faculty of Medicine, The University of Hong Kong
	Speaker	Associate Prof. Chan Ling Ling (M.D., Singapore) Senior Consultant, Department of Diagnostic Radiology, Singapore General Hospital Associate Professor, 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	Dr. Koel Wei Sum Ko (M.D., Hong Kong) Associate Consultant, Department of Radiology & Imaging, Queen Elizabeth Hospital	
17:25-17:35	Closing Remarks		
	Speaker	Prof. Chao-Bao Luo	

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