

Medical Neuroimaging summit 2016

Date

Sep. 24th (Saturday) 2016

Venue

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

Main theme

1. Pediatric Neuroradiology
2. Quantitative Neurodegenerative MR imaging

Agenda

08:00-09:00	Registration	
09:00-09:05	Opening	
	<i>Speaker</i>	Prof. Hung-Yi Chiou Vice President of Taipei Medical University
09:05-09:10	Welcome	
	<i>Speaker</i>	Prof. Wan-Yuo Guo President of Symposium Neuroradiologicum XXI in 2018
09:10-09:15	Welcome	
	<i>Speaker</i>	Prof. Yeun-Chung Chang President of The Radiological Society of R.O.C
Keynote Speech		
09:15-09:45	Fetal MRI Neuro Imaging	
	<i>Speaker</i>	Prof. Robert A. Zimmerman (Radiologist, USA) Chief, Neuroradiology Division/MRI, Department of Radiology, Children's Hospital of Philadelphia Professor, Department of Radiology, Perelman School of Medicine at the University of Pennsylvania
	<i>Moderator</i>	Prof. Wan-Yuo Guo Chief, Department of Radiology, Taipei Veterans General Hospital Professor, Collage of Medicine, National Yang-Ming University
09:50-10:20	Mapping the Structure and Function of Brain	
	Where we were, where we are and where we want to be	
	<i>Speaker</i>	Prof. Arthur Toga (Ph.D., USA) Provost Professor, Keck School of Medicine of USC Departments of Ophthalmology, Neurology, Psychiatry, and the Behavioral Sciences, Radiology and Engineering Director, USC Stevens Neuroimaging and Informatics Institute

Moderator **Prof. Fong Y. Tsai**
Director, USC Laboratory of Neuro Imaging
Endowed Professor, Taipei Medical University Emeritus
Professor of Radiological Sciences, Neurosurgery, Surgery, University
California at Irvine, USA

Pediatric Neuroradiology

10:25-10:45 MR Imaging for Epilepsy Surgery in Children

Speaker **Associate Prof. Jung-Eun Cheon (Radiologist, Korea)**
Department of Radiology, Seoul National University College of Medicine
Division of Pediatric Radiology, Seoul National University Children's
Hospital

Moderator **Prof. Wu-Chung Shen**
Dean, College of Health Care, China Medical University
Professor of Radiology, China Medical University
Visiting Staff, Department of Radiology, China Medical University Hospital

10:50-11:10 Tea Break

11:10-11:30 Pediatric neuroimaging in neurometabolic diseases

Speaker **Prof. Tchoyoson Lim (Neuroradiologist, Singapore)**
Senior Consultant, Department of Neuroradiology, National
Neuroscience Institute
Professor, Duke-NUS Medical School, Singapore

Moderator **Dr. Sho-Jen Cheng**
Department of Radiology, MacKay Memorial Hospital

11:35-11:55 Imaging of Abuse head trauma

Speaker **Dr. Kevin, Li-Chun Hsieh (Radiologist, Taiwan)**
Deputy Chief, Translational Imaging Research Center (TIRC), Taipei
Medical University
Department of Medical Imaging, Taipei Medical University Hospital,
Taipei Medical University

Moderator **Prof. Shu-Hang Ng**
Deputy Director, Department of Medical Imaging & Intervention, Chang
Gung Memorial Hospital at Linkou
Professor, Department of Radiology, School of Medicine, Chang Gung
University

12:00-12:20 Congenital Brain Anomalies

Speaker **Prof. Robert A. Zimmerman (Radiologist, USA)**
Chief, Neuroradiology Division/MRI, Department of Radiology, Children's
Hospital of Philadelphia
Professor, Department of Radiology, Perelman School of Medicine at the

University of Pennsylvania
Moderator **Assistant Prof. Hung-Wen Kao**
Attending Radiologist, Department of Radiology, Tri-Service General Hospital
Assistant professor, School of Medicine, National Defense Medical Center

12:25-13:40 Lunch Break

13:40-14:00 **Medulloblastoma: Neuroimaging and molecular implications**

Speaker **Assistant Prof. Feng-Chi Chang (Radiologist, Taiwan)**
Department of radiology, Taipei Veterans General Hospital
Assistant professor of radiology, Department of radiology, National Yang-Ming University

Moderator **Prof. Kwo-Whei Lee**
Chairman, Department of Medical Imaging, Changhua Christian Hospital, Changhua
Superintendent, Yuanlin Christian Hospital, Changhua

14:05-14:25 **CNS complications in pediatric viral infection**

Speaker **Prof. Sandy, Cheng-Yu Chen (Radiologist, Taiwan)**
President of The Neuroradiological Society of Taiwan
Director, Translational Imaging Research Center (TIRC), Taipei Medical University
Chairman, Department of Medical Imaging, Taipei Medical University Hospital

Moderator **Prof. Kei Yamada**
Chairman, Department of Radiology, Kyoto Prefecture University Hospital, Kyoto Prefectural University of Medicine

Quantitative Neurodegenerative MR imaging

Keynote Speech

14:30-14:50 **Longitudinal evaluation of structural MRI in J-ADNI**

Speaker **Prof. Hiroshi Matsuda (Radiologist, Japan)**
Director General, Integrative Brain Imaging Center, National Center of Neurology and Psychiatry

Moderator **Prof. Sandy, Cheng-Yu Chen**
President of The Neuroradiological Society of Taiwan

14:55-15:15 **Imaging of dementia: basic approach of a radiologist**

Speaker **Prof. Kei Yamada (Radiologist, Japan)**
Chairman, Department of Radiology, Kyoto Prefecture University Hospital, Kyoto Prefectural University of Medicine
Assistant Prof. Pao-Sheng Yen

Director, Department of Neuroradiology, China Medical University Hospital
Assistant Professor, Department of Medicine, China Medical University

15:20-15:40 Tea Break

15:40-16:00 **Diffusion Images in Alzheimer's dementia research**

Speaker **Associate Prof. Toshiaki Taoka (Radiologist, Japan)**

Department of Radiology, Nagoya University

Moderator **Dr. Ya-Fang Chen**

Radiologist, Department of Medical Imaging, National Taiwan University Hospital

16:05-16:25 **MRI morphometry in Alzheimer's disease**

Speaker **Prof. Hiroshi Matsuda (Radiologist, Japan)**

Director General, Integrative Brain Imaging Center, National Center of Neurology and Psychiatry

Moderator **Prof. Ping-Hong Lai**

Chief, Section of Neuroradiology, Department of Radiology, Kaohsiung Veterans General Hospital

Professor, School of Medicine, National Yang Ming University

16:30-16:50 **Neuroimaging and Informatics in Alzheimer's disease Research**

Speaker **Prof. Arthur Toga (Ph.D., USA)**

Provost Professor, Keck School of Medicine of USC Departments of Ophthalmology, Neurology, Psychiatry, and the Behavioral Sciences, Radiology and Engineering

Director, USC Stevens Neuroimaging and Informatics Institute

Director, USC Laboratory of Neuro Imaging

Moderator **Prof. Yu-Te Wu**

Professor and Chairman, Institute of Biophotonics, National Yang-Ming University

16:55-17:15 **Parkinson's disease: Quantification improve Qualitation**

Speaker **Associate Prof. Wei-Che Lin (Radiologist, Taiwan)**

Chief, Division of Neuroradiology, Kaohsiung Chang Gung Memorial Hospital

Associate Professor, Kaohsiung Chang Gung Memorial Hospital, Chang Gung University College of Medicine

Moderator **Associate Prof. Yuan-Hsiung Tsai**

Director, Department of Diagnostic Radiology, Chang Gung Memorial Hospital, Chia-Yi

17:20-17:25 Closing Remarks

Speakers

Prof. Sandy, Cheng-Yu Chen and Prof. Fong Y. Tsai (Radiologist, USA)