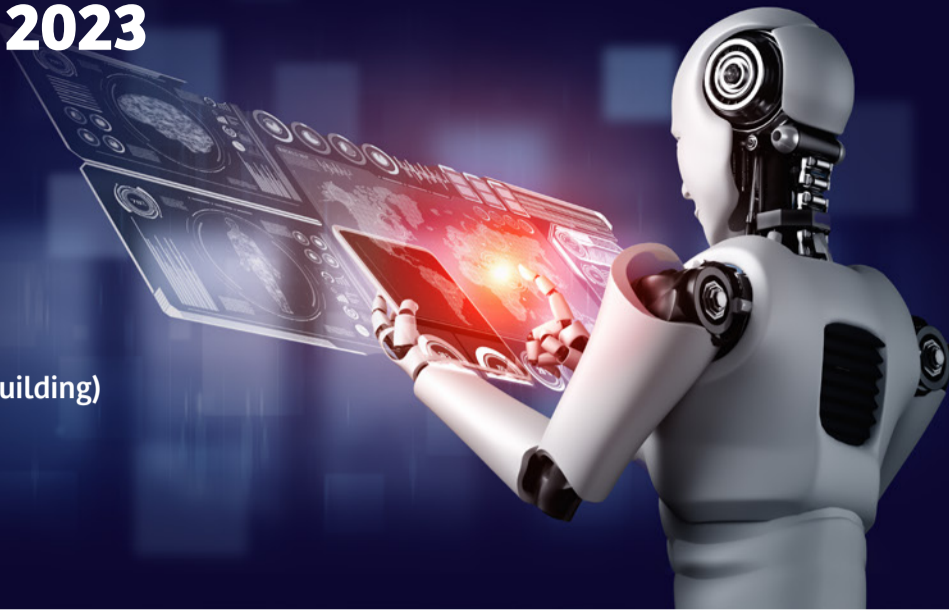# Imaging Summit 2023
國際影像高峰會

AI in Radiology, An Imminent

📅 10.14 Sat.

📍 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

09:00-09:30	**Registration**	
09:30-09:35	**Opening**	
	Speaker	*Prof. Mai-Szu Wu* President of Taipei Medical University
09:35-09:40	**Opening**	
	Speaker	*Prof. Wan-Yuo Guo* President, The World Federation of Neuroradiological Societies
09:40-09:45	**Opening**	
	Speaker	*Prof. Hong-Jen Chiou* President of Taiwan Radiological Society
09:45-09:50	**Group photo**	

Special Session on Lung Cancer Imaging and AI		
09:50-10:20	**Quantitative imaging for precision therapy in lung cancer**	
*Teleconference	Speaker	*Prof. Mizuki Nishino (M.D., MPH., USA)* Professor of Radiology, Harvard Medical School Associate Chair, Academic Advancement, Department of Radiology, Brigham and Women's Hospital Deputy Editor, The Radiology Editorial Board
	Moderator	*Prof. Yeun-Chung Chang* Professor of Radiology, National Taiwan University College of Medicine
10:25-10:45	**From Algorithms to Practice: Imaging of lung nodules and cancers with AI-assisted decision support**	
	Speaker	*Assistant Prof. Rennie Yung-Chieh Chen (M.D., Ph.D., Taiwan)* Assistant professor, Department of Radiology, School of Medicine, Taipei Medical University
	Moderator	*Prof. kei Yamada* Professor and Chair, Department of Radiology, Kyoto Prefectural University of Medicine
10:50-11:10	**Tea Break**	

Special Session on AI in Neuroradiology and Dementia		
11:10-11:40	**Every Brain Disease is caused by Perivascular Spaces/Glymphatic Dysfunction: Lifespan Trajectory, Sleep Disturbance, Ageing and Dementia**	
	Speaker	*Prof. Meng Law (M.D., Australia)* Director of Radiology and Nuclear Medicine, Alfred Health Director of iBRAIN – Integrated Biomedical Research in AI and Neuroimaging, Monash University Professor of Radiology, Monash University
	Moderator	*Prof. Clayton Chi-Chang Chen* Consulting Attending Physician, Department of Radiology, China Medical University Hospital
11:45-12:05	**Advances in Unsupervised Deep Learning for Neuroradiology**	
	Speaker	*Associate Prof. Peter D. Chang (M.D., USA)* Associate Professor, Department of Radiological Sciences, University of California, Irvine Co-Director, Center for Artificial Intelligence in Diagnostic Medicine, University of California, Irvine Co-Founder and Chief Medical Officer, Avicenna.ai, La Ciota, France
	Moderator	*Prof. Jiing-Feng Lirng* Director of School of Medicine, College of Medicine, National Yang Ming Chiao Tung University
12:10-12:30	**Deep Brain-Cognito: Imaging Ageing Brain with AI**	
	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	*Dr. Sho-Jen Cheng* Chairman, Department of Medical Imaging, Taipei Medical University Hospital
12:35-13:40	**Lunch Break**	

Special Session on AI in Radiology	
13:40-14:00	**Advancing Medical AI in Neuroradiology: From AI Education to Clinical Research**

	Speaker	*Prof. Kohsuke Kudo (M.D., Ph.D., Japan)* Professor, Department of Diagnostic Imaging, Hokkaido University Faculty of Medicine Director, Medical AI Research and Development Center, Hokkaido University Hospital
	Moderator	*Dr. Yueh-Hsun Lu* Chairman, Department of Radiology, Taipei Medical University-Shuang Ho Hospital, Ministry of Health and Welfare

14:05-14:25	**The medical AI in Japan: current and future landscape**

	Speaker	*Prof. Kei Yamada (M.D., Ph.D., Japan)* Professor and Chair, Department of Radiology, Kyoto Prefectural University of Medicine
	Moderator	*Prof. Wei-Che Lin* Radiologist, Division of Neuroradiology, Kaohsiung Chang Gung Memorial Hospital

14:30-14:50	**Medical Imaging AI in Korea: The Promise and Reality**

	Speaker	*Prof. Seung Hong Choi (MD., Ph.D., Korea)* Professor, Department of Radiology, Seoul National University Hospital and Seoul National University College of Medicine Chief Executive Officer, HyeonTechNBio Inc
	Moderator	*Prof. Chun-Jung Juan* Vice Superintendent, China Medical University Hsinchu Hospital

14:55-15:15	**From Startup to IPO: How Lunit Arises from AI in Radiology**

	Speaker	*Dr. Ki Hwan Kim (M.D., Ph.D., Korea)* Chief Medical Officer, Lunit Inc
	Moderator	*Assistant Prof. Tseng-Lung Yang* Deputy Superintendent, Yuan Rung Medical System

15:20-15:40	**Tea Break**

Special Session on AI in Medicine	
15:40-16:00	**The Future Hospital: Perspective of Developments of Medical AI in Healthcare System**

	Speaker	*Prof. Albert Chih-Chieh Yang (M.D., Ph.D., Taiwan)* Professor and Chair, Institute of Brain Science, School of Medicine, National Yang Ming Chiao Tung University Director, Digital Medicine and Smart Healthcare Research Center, National Yang Ming Chiao Tung University
	Moderator	*Prof. Ping-Hong Lai* Director of Neuroimaging, Department of Radiology, Kaohsiung Veterans General Hospital

16:05-16:25	**Imaging AI: From Concept to Start up**

	Speaker	*Prof. Wan-Yuo Guo (M.D., Ph.D., Taiwan)* Emeritus Professor, Department of Radiology, Taipei Veterans General Hospital President, The World Federation of Neuroradiological Societies Co-Founder, AITeWan BioMed Technology Inc
	Moderator	*Associate Prof. Hung-Wen Kao* Chair, Department of Medical Imaging, Hualien Tzu Chi Hospital

16:30-16:50	**Medical Imaging AI journey - How algorithms transform into commercial products?**

*Teleconference	Speaker	*Dr. Yichen Lu (Ph.D., China)* Collaboration Manager for AI and Digital Health of Siemens Healthineers
	Moderator	*Prof. Yuan-Hsiung Tsai* Radiologist, Department of Medical Imaging, Chiayi Chang Gung Memorial Hospital

16:55-17:15	**The Future is Here - Unlocking the Potential of Clinical Data with NLP**

	Speaker	*Associate Prof. Yung-Chun Chang (Ph.D., Taiwan)* Associate Professor, Graduate Institute of Data Science, College of Management, Taipei Medical University Deputy Chief Data Officer, Office of Data Science, Taipei Medical University
	Moderator	*Assistant Prof. David Yen-Ting Chen* Radiologist, Department of Radiology, Taipei Medical University-Shuang Ho Hospital, Ministry of Health and Welfare

17:20-17:30	**Closing Remarks**

	Speaker	*Prof. Sandy, Cheng-Yu Chen (M.D., Taiwan)* Chair, Imaging Summit

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

 臺北醫學大學 TAIPEI MEDICAL UNIVERSITY   臺北醫學大學附設醫院 Taipei Medical University Hospital

協辦單位

NSTC 國家科學及技術委員會 National Science and Technology Council 前瞻處「回應國家重要挑戰之AI主題研究專案」   旭陽 Sunny 旭陽腦瘤及腦疾病研究發展基金

中華民國放射線醫學會 Taiwan Radiological Society   Neuroradiological Society of Taiwan   **Guerbet**   **TBMS** International Corporation   **SIEMENS** Healthineers