How Medical Image AI has transformed the practice

XI Imaging Summit 2021
國際影像高峰會
暨 醫學影像人工智慧國際研討會

SAT | OCT-30 | 2021

Venue 4F, United Medical Building (Front Building) Taipei Medical University
臺北醫學大學醫學綜合大樓前棟4樓 圓形會議室（誠樸廳）

Agenda

09:30-10:00	**Registration**	
10:00-10:05	**Opening**	
	Speaker ***Prof. Chien-Huang Lin***, President of Taipei Medical University	
10:05-10:10	**Opening**	
	Speaker ***Prof. Wan-Yuo Guo***, Vice President / President-elect of The World Federation of Neuroradiological Societies	
10:10-11:50	**Session 1 : Radiogenomics in Glioma Transforms Practice**	
10:10-10:40	**AI and Radiomics into Clinical Workflow in Brain Tumor**	
*Teleconference	Speaker ***Assistant Prof. Ji Eun Park (MD., Ph.D., Korea)*** Department of Radiology and Research Institute of Radiology, University of Ulsan College of Medicine, Asan Medical Center, Seoul, Korea	Chairperson ***Prof. Sandy, Cheng-Yu Chen*** Distinguished professor and vice president, Taipei Medical University ***Prof. Kei Yamada*** Chairman of Radiology, Kyoto Prefectural University of Medicine, Japan
10:45-11:05	**"Radiomics" and "Radiogenomics" for Glioma Management**	
*Teleconference	Speaker ***Associate Prof. Khin Khin Tha (MD., Ph.D., Japan)*** Global Center for Biomedical Science and Engineering, Faculty of Medicine, Hokkaido University, Japan	
11:10-11:30	**Tea Break**	
11:30-11:50	**Finding Glioblastoma's Choked Points through Radiogenomics**	
	Speaker ***Prof. Sandy, Cheng-Yu Chen (MD., Taiwan)*** Director, Research Center for Artificial Intelligence in Medicine, Taipei Medical University	
11:55-12:15	**Session 2 : Lung Nodule Detection AI Transforms Practice (1)**	
11:55-12:15	**Use of AI to assist radiologists in identifying lesions in screening programs**	
*Teleconference	Speaker ***David Truncer (USA)*** Global Marketing Manager, Siemens Healthineers, Malvern, PA	Chairperson ***Associate Prof. Wei-Che Lin*** Radiologist, Division of Neuroradiology, Kaohsiung Chang Gung Memorial Hospital
12:20-14:00	**Lunch Break**	
14:00-15:35	**Session 3 : Stroke AI Transforms Practice**	
14:00-14:20	**Deep Learning AI for Stroke Imaging: From Conception Through Commercialization**	
*Teleconference	Speaker ***Assistant Prof. Peter Chang (MD., USA)*** Assistant Professor in Residence, Department of Radiology & Neurology, University of California, Irvine Co-Director, Center for Artificial Intelligence in Diagnostic Medicine, University of California, Irvine	
14:25-14:45	**Clinical Applications of Artificial Intelligence in Acute Stroke Imaging**	
*Teleconference	Speaker ***Prof. Gregory W. Albers (MD., USA)*** Coyote Foundation Professor, Neurology and Neurological Sciences Director, Stanford Stroke Center, Stanford University Medical Center	Chairperson ***Prof. Chao-Bao Luo*** President, The Neuroradiological Society of Taiwan ***Assistant Prof. Kevin, Li-Chun Hsieh*** Radiologist, Department of Medical Imaging, Taipei Medical University Hospital
14:50-15:10	**The Practice of The AI-Based Triage System on Brain CT**	
	Speaker ***CEO David Chou (Taiwan)*** Founder and CEO of Deep01	
15:15-15:35	**Development of Automated Perfusion / Diffusion Analysis Program "PMAneo"**	
*Teleconference	Speaker ***Prof. Kohsuke Kudo (MD., Ph.D., Japan)*** Department of Diagnostic Imaging, Hokkaido University Graduate School of Medicine	
15:40-16:00	**Tea Break**	
16:00-16:45	**Session 4 : Lung Nodule Detection AI Transforms Practice (2)**	
16:00-16:20	**The development and application of artificial intelligent (AI) in lung cancer screening on CT**	
	Speaker ***Prof. Yeun-Chung Chang (MD., Ph.D., Taiwan)*** Professor of Radiology, National Taiwan University College of Medicine Chief, Cardiopulmonary imaging, Department of Medical Imaging, National Taiwan University Hospital	Chairperson ***Prof. Wing P. Chan*** President of The Radiological Society of R.O.C ***Dr. Gong-Yau Lan*** Chairman, Department of Medical Imaging, Taipei Medical University Hospital
16:25-16:45	**Deep-Lung: Multi-model AI imaging health platform for healthy aging**	
	Speaker ***Assistant Prof. David Yen-Ting Chen (MD., Taiwan)*** Radiologist, Department of Radiology, Taipei Medical University-Shuang Ho Hospital, Ministry of Health and Welfare Deputy director, Research Center for Artificial Intelligence in Medicine, Taipei Medical University	
16:50-17:00	**Closing Remarks**	
	Speaker ***Prof. Sandy, Cheng-Yu Chen***	

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 6 小時

主辦單位

臺北醫學大學 校級人工智慧醫療研究中心
TMU Research Center for Artificial Intelligence in Medicine

臺北醫學大學附設醫院
TAIPEI MEDICAL UNIVERSITY HOSPITAL

臺北市立萬芳醫院
TAIPEI MUNCIPAL WAN FANG HOSPITAL

衛生福利部雙和醫院
（委託臺北醫學大學興建經營）
Taipei Medical University-Shuang Ho Hospital, Ministry of Health and Welfare

Neuroradiological Society of Taiwan

協辦單位

中華民國放射線醫學會
Taiwan Radiological Society

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