



[Date and Time] 17th August 2024 11 : 50~18 : 25

[Venue] (Onsite) Hokkaido University Conference Hall / (Online) Zoom

[Event Organizers]

- The Healthcare AIX Innovation Center of Hokkaido University Collaborative Project Center
- Clinical AI Human Resources Development Program of Hokkaido University School of Medicine (CLAP)
- The Medical AI Research and Development Center of Hokkaido University Hospital

[Sponsors]



Program

Name and Affiliation of the Chair	Time	Presentation Title	Name of the Speaker	Affiliation of the Speaker
Luncheon Seminar Hosted by AIRS Medical Japan& Star Product Limited				
The Chair: Kohsuke KUDO <i>Professor, Department of Diagnostic Imaging, Faculty of Medicine, Hokkaido University</i>	11 : 50~ 12 : 40	My Fast MRI Challenge	Jongho LEE (Korea)	Professor, Laboratory for Imaging Science and Technology (LIST) Department of Electrical and Computer Engineering, Seoul National University
		Revolutionary Image Quality Improvement and its Clinical Impact Achieved by SwiftMR	Noriyuki FUJIMA	Senior Lecturer, Department of Diagnostic and Interventional Radiology, Hokkaido University Hospital
Opening Remarks	12 : 45~ 13 : 00	Kohsuke KUDO Professor, Department of Diagnostic Imaging, Faculty of Medicine, Hokkaido University Shigetsugu HATAKEYAMA Dean of Hokkaido University Faculty of Medicine Kiyohiro HOUKIN President of Hokkaido University		
Medical AI Research in Imaging				
The Chairs: Seung Hong CHOI <i>Professor, Department of Radiology, Seoul National University Hospital (Korea)</i>	13 : 00~ 13 : 50	13 : 00~13 : 25	Yoshiyuki WATANABE	Professor, Radiology, Shiga University of Medical Science
		Opportunistic Screening using CT		
		13 : 25~13 : 50	Sandy, Cheng-Yu	Distinguished Professor, Department of Radiology,



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<p>Wan-Yuo GUO <i>Professor, Department of Radiology, Taipei Veterans General Hospital/National Yang-Ming Chiao-Tung University and China Medical University Hospital (Taiwan)</i></p> <p>Discussant: Melissa CHEN <i>Associate Professor, MD Anderson Cancer Center (the United States)</i></p>		<p>AI in Cognitive Neuroimaging: from Concept to Products</p>	<p>CHEN (Taiwan)</p>	<p>College of Medicine, Taipei Medical University</p>
Medical AI Research in Surgery				
<p>The Chairs: Taku SUGIYAMA <i>Lecturer, Department of Neurosurgery, Hokkaido University Hospital</i></p> <p>Toshiya OSANAI <i>Lecturer, Department of Neurosurgery, Hokkaido University Hospital</i></p>	<p>13 : 50~ 14 : 40</p>	<p>13 : 50~14 : 15</p> <p>Surgical Instrument Detection and Motion Analysis Using Deep Learning</p> <p>14 : 15~14 : 40</p> <p>Real-Time AI Assistance for Neuro-Endovascular Treatment: Neuro-Vascular Assist By iMed</p>	<p>Hiroyuki SUGIMORI</p> <p>Kenichi KONO</p>	<p>Associate Professor, Faculty of Health Sciences, Hokkaido University</p> <p>CEO, iMed Technologies, Inc.</p>
Intermission			14 : 40 ~ 14 : 50	

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Medical AI Research in Gait				
The Chairs: Toshiyuki NAGAI <i>Associate Professor, Department of Cardiovascular Medicine, Graduate School of Medicine, Hokkaido University</i> Tomoyuki FUJIOKA <i>Associate Professor, , Graduate School of Medical and Dental Sciences, Endowed Departments, Department of Artificial Intelligence (AI) Radiology, Tokyo Medical and Dental University</i>	14 : 50~ 15 : 40	14 : 50~15 : 15 Gait Analysis with AI for Predicting Musculoskeletal Diseases	Ken KADOYA	Specially Appointed Associate Professor, Faculty of Medicine, Hokkaido University
		15 : 15~15 : 40 Machine Learning- Based Gait Analysis to Predict Clinical Frailty Scale in Elderly Patients with Heart Failure	Motoki NAKAO	Assistant Professor, Department of Pharmacology, School of Medicine, Iwate Medical University
Medical AI Informatics (Online Session)				
The Chairs: Katsuhiko OGASAWARA <i>Professor, Faculty of Health Sciences, Hokkaido University</i> Ayako	15 : 40~ 16 : 30	15 : 40~16 : 05 Current Status and Potential of Medical AI in India	Vikram PATIL (India)	Dy Dean, Research (Clinical) & Professor (Radiology), JSS Medical College
		16 : 05~16 : 30 Digital Health and Medical AI at the	Mike CONWAY (Australia)	Senior Lecturer in Digital Health Centre for Digital Transformation of Health



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<p>YAGAHARA Associate Professor, Department of Radiological Technology Faculty of Health Sciences, Hokkaido University of Science</p>		<p>University of Melbourne</p>		<p>School of Computing and Information Systems University of Melbourne</p>
Intermission		16 : 30 ~ 16 : 40		
Evening Seminar Session 1 hosted by Canon Medical Systems				
<p>The Chairs: Kenji HIRATA Associate Professor, Department of Diagnostic Imaging, Faculty of Medicine, Hokkaido University</p> <p>Hiroyuki SUGIMORI Associate Professor, Faculty of Health Sciences, Hokkaido University</p>	<p>16 : 40~ 17 : 30</p>	<p>The Evolution and Future of AI in Radiology: Pioneering the Future with Abierto RSS</p>	<p>Tomohiro KIKUCHI</p>	<p>Assistant Professor, Data Science Center, Department of Radiology, School of Medicine, Jichi Medical University</p>
Evening Seminar Session 2 hosted by FUJIFILM Medical Co., Ltd.				
<p>The Chairs: Kenji HIRATA Associate Professor, Department of Diagnostic Imaging, Faculty of Medicine,</p>	<p>17 : 30~ 18 : 20</p>	<p>Introduction of the Latest AI Technology Implemented in the SYNAPSE SAI Viewer</p>	<p>Hiroataka ITO</p>	<p>IT Solution Div., Medical Systems Business Div., FUJIFILM Corporation</p>

Name and Affiliation of the Chair	Time	Presentation Title	Name of the Speaker	Affiliation of the Speaker
Hiroyuki SUGIMORI <i>Associate Professor, Faculty of Health Sciences, Hokkaido University</i>		Function and Usability of the SYNAPSE SAI viewer - 1	Keita SAKAMOTO	Senior Lecturer, Department of Diagnostic and Interventional Radiology, Hokkaido University Hospital
		Function and Usability of the SYNAPSE SAI viewer - 2	Daisuke KATOH	Clinical Fellow, Department of Diagnostic and Interventional Radiology, Hokkaido University Hospital
Closing Remarks	18 : 20~ 18 : 25	Tatsuya ATSUMI Vice President of Hokkaido University (Director of Hokkaido University Hospital)		

【Free Wi-Fi Available at the Venue】

- SSID : 601HWa-EE94E5
Password : 1003165a
- SSID : 601HWa-072C8C
Password : 0683165a
- SSID : 601HWa-EE6565
Password : 0972766a
- SSID : 802ZTa-009D70
Password : 0403643a

【Contact Information】

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