



The 4th Hokkaido University Medical AI Symposium

16th August 2025 Sat
12:00-18:40 Japan Standard Time

Venue Hybrid Event

Onsite Clinical Medicine Lecture Building,
School of Medicine Hokkaido University
北海道大学医学部 臨床大講堂

Online Zoom

Pre-Registration

Onsite **Online**

Admission Free of Charge

【Date and Time】 16th August 2025 (Sat), 12 : 00 - 18 : 40

【Venue】 (Onsite) Hokkaido University Clinical Medicine Lecture Hall /

(Online) Zoom

【Host Organizers】

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



Program

Name and Affiliation of the Chair	Time	Presentation Title	Name of the Speaker	Affiliation of the Speaker
Luncheon Seminar Hosted by GE HealthCare Japan				
<u>Chair:</u> Kenji HIRATA <i>Associate Professor, Department of Diagnostic Imaging, Faculty of Medicine, Hokkaido University</i>	12 : 00- 12 : 40	AI Application in Radiological Workflow	Akira YAMADA (Japan)	Professor, Medical Data Science Course, Shinshu University School of Medicine, Japan
Opening Remarks				
-	13 : 00- 13 : 15	Kiyohiro HOUKIN President of Hokkaido University Shinya TANAKA Dean of Hokkaido University Faculty of Medicine, Hokkaido University Kohsuke KUDO Professor, Department of Diagnostic Imaging, Faculty of Medicine, Hokkaido University		
Session 1: Semiconductor (13 : 15 - 14 : 30)				
<u>Chairs:</u> Hiroyuki AKINAGA <i>Professor, Faculty of Information</i>	13 : 15- 13 : 40	Silicon-CMOS Reservoir Computing Devices for Time Series Prediction in Medical AI	Tetsuya ASAI (Japan)	Professor, Faculty of Information Science and Technology, Hokkaido University, Japan



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Science and Technology, Hokkaido University Hiroyuki SUGIMORI <i>Associate Professor, Faculty of Health Sciences, Hokkaido University</i>	13 : 40-14 : 05	【Online】Digital Biomarkers and the Application of Sensors in Healthcare	Bayarbaatar BOLD (Mongolia)	President and AI Equity Lead, Mongolian Society of Artificial Intelligence in Medicine Digital Health Officer / Health Data Analyst, Habido LLC, Mongolia
	14 : 05-14 : 30	Towards a Vibrant AI Hardware Accelerator Ecosystem	Michiaki TATSUBORI (Japan)	Senior Technical Staff Member IBM Semiconductors, Japan
Session 2: Digital Health (14 : 30 - 15 : 20)				
<u>Chairs:</u> Katsuhiko OGASAWARA <i>Professor, Faculty of Health Sciences, Hokkaido University</i> Takaaki YOSHIMURA <i>Lecturer, Faculty of Health Sciences, Hokkaido University</i>	14 : 30-14 : 55	【Online】Human-centered AI for Mobile Sensing and Computing	Ting DANG (Australia)	Senior Lecturer in Digital Innovation School of Computing and Information Systems, The University of Melbourne, Australia
	14 : 55-15 : 20	Promoting Healthcare DX: Envisioning Innovation through AI Utilization	Tomonoshin AOKI (Japan)	Deputy Director, Ministry of Health, Labour and Welfare in Japan
Intermission (15 : 20 - 15 : 35)				
Session 3: Generative AI / Large Language Models (15 : 35 - 16 : 25)				



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<u>Chairs:</u> Rafal RZEPKA <i>Associate Professor, Faculty of Information Science and Technology, Hokkaido University</i>	15 : 35- 16 : 00	Medical AI/NLP/DX: Real-World Applications	Eiji ARAMAKI (Japan)	Professor, Division of Information Science Nara Institute of Science and Technology, Japan
Ayako YAGAHARA <i>Associate Professor, Faculty of Health Sciences, Hokkaido University of Science</i>	16 : 00- 16 : 25	【Online】AI in Primary Healthcare	Shantanu MAJUMDAR (India)	Research Director of Healthcare Research Program, Rakuten India Enterprise Private Limited, India
Session 4: Pathology and Imaging (16 : 25 - 17 : 15)				
<u>Chairs:</u> Kenji HIRATA <i>Associate Professor, Department of Diagnostic Imaging, Faculty of Medicine, Hokkaido University</i>	16 : 25- 16 : 50	Introducing Pathological Foundation Models: Through Brain Tumor Classification	Ken ENDA (Japan)	Department of Cancer Pathology, Faculty of Medicine and Graduate School of Medicine, Hokkaido University, Japan
Ilhan Lim (Korea) <i>Head, Korea Institute of Radiological and Medical Sciences</i>	16 : 50- 17 : 15	Latest AI Technology in IT-based Healthcare Solutions	Hiroataka ITO (Japan)	IT Solution Div., Medical Systems Business Div., FUJIFILM Corporation, Japan



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Evening Seminar 1 hosted by J-MAC System Inc.				
<u>Chair:</u> Katsuhiko OGASAWARA <i>Professor, Faculty of Health Sciences, Hokkaido University</i>	17 : 15- 17 : 55	Legal Considerations for the Use of AI in Healthcare	Hitoshi FUJIMAKI (Japan)	Attorney admitted in Japan and New York, TMI Associates, Japan
Evening Seminar 2 hosted by Canon Medical Systems Corporation				
<u>Chair:</u> Minako AZUMA <i>Professor, Faculty of Medicine, University of Miyazaki</i>	17 : 55- 18 : 35	Latest Insights on AI in Medical Imaging Modality	Shigeru KIRYU (Japan)	School of Medicine, International University of Health and Welfare, Japan
Closing Remarks				
-	18 : 35- 18 : 40	Yasuyuki NASUHARA Vice President of Hokkaido University (Director of Hokkaido University Hospital)		



【Sponsors】

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