THE 4Th MEV-MEJ FORUM MEETING

Digital Transformation in Healthcare with Internet of Things and Smart Health

Date:
Thu, 6th June, 2024
Time:
08:30 ~ 16:00
Venue:
HUE University of Medicine and Pharmacy

The workshop aims to promote mutual learning and collaboration between Viet Nam and Japan.
Experts in healthcare and relevant technology industries from both countries will gather to exchange their perspectives and share knowledge about the Development and Coordination of Medical Information Infrastructure, Improving Safety and Quality of Medical Care through IOT, Digital Contribution to Outpatient Medical Care and Wellness.

Organizer :
HUE University of Medicine and Pharmacy
Economic Research Institute for ASEAN and East Asia (ERIA)
Medical Excellence JAPAN (MEJ)

If you would like to participate this forum online,please visit the QR link or URL below.
https://zoom.us/j/93398701712?pwd=Sk1jL3BqM201RHh2bEZtaldKdnBiQT09

Event Secretariat: J.M.Integral, Inc. <takumi.fujisaki@jmintegral.com>
Inquiry /Contact regarding onsite participation: Ms.Hanh <ttkhanh@huemed-univ.edu.vn>

Program

*Vietnamese-English interpretation available

Time		
08:00-08:30	Reception	Organizer

Opening

08:30-08:40	Greetings
	 - Nguyen Vu Quoc Huy
	    Rector, Hue UMP
	 - Hideo Suzuki
	    Government of Japan / Ambassador for Global Health
	 - Ryosei Mizuguchi
	    Ministry of Economy, Trade and Industry / Deputy Director, Healthcare Industries Division, Commerce and Service Industry Policy Group	

08:40-09:00	Guest Introduction Photo Session	

Session 1 : Development of Medical Information Infrastructure

09:00-09:15	Orientations for National Digital Healthcare Transformation	Nguyen Truong Nam Deputy Director, National Health Information Center, MOH
09:15-09:35	Legal Challenges in Healthcare Data Utilization in Japan	Takanori Fujita Senior Research Fellow, The Tokyo Foundation for Policy Research
09:35-09:55	Digital transformation at Hue University of Medicine and Pharmacy: the case of using AR – VR and IoT in medical training and practice	Nguyen Minh Tam Vice-Rector, Hue UMP
09:55-10:10	TEA BREAK	

Session 2 : Improving Safety and Quality of Medical Care through IOT

10:10-10:30	Improving Safety and Quality of Healthcare with ICT in Japanese Society 5.0	Satoru Miyano Specially Appointed Professor and Director, M&D Data Science Center, Tokyo Medical and Dental University
10:30-10:45	Experience implementing Electronic health record at HCMC Medical University Hospital	Le Quan Anh Tuan HCMC Medical University
10:45-11:00	Japan - Vietnam cooperation in the era of IOT: Perspectives from Metran.	Tran Ngoc Phuc Chairman and CEO, Metran
11:00-11:10	Digital transformation in the health sector in Thua Thien Hue province, contributing to modernizing services to protect, care for and improve people's health in the new situation	Tran Kiem Hao Director, Thua Thien Hue Department of Health

11:10 – 13:30
Time for Lunch and Corporate Exhibition (10 Japanese Companies)

Session 3 : Digital Contribution to Outpatient Medical Care and Wellness

Time	Topic	Speaker
13:30-13:50	Potential for Operation and Quality Improvements through IoT from the actual conditions of medical practitioners: Perspectives in Radiological Sciences	Nguyen Thanh Thao Hue UMP
13:50-14:10	Results of Digital transformation and Telehealth at Hanoi Medical University Hospital	Dao Xuan Thanh Deputy Director, Hanoi Medical University Hospital
14:10-14:30	Introduction of a Hospital Management Efficiency Solution	Keisuke Oshima JMDC, inc. Manager
14:30-14:45	BREAK (Preparation for Panel Discussion)	
14:45-15:50	Panel Discussion Moderator: Kenji Shibuya (CEO of MEJ)	- Nguyen Truong Nam - Nguyen Vu Quoc Huy (Rector of HUE UMP) - Dao Xuan Thanh - Le Quan Anh Tuan - Satoru Miyano - Takanori Fujita - Keisuke Oshima

Closing

Time	Topic	Speaker
15:50-16:00	Closing Remarks	- Representative of Rector Board of Hue UMP - Koji Hachiyama Economic Research Institute for ASEAN and East Asia / COO

Speakers

Nguyen Truong Nam
Deputy Director, National Health Information Center, MOH

Mr. Nguyen Truong Nam is a senior manager of the Ministry of Health, with more than 20 years of work in the field of information technology and medical digital transformation. Mr. Nam has experienced many management positions in information technology of the Ministry of Health, such as: Director of medical data center, Deputy Director of Information Technology Department, currently deputy director of National Health Information Center.

Nguyen Minh Tam
Vice Rector of HUE UMP, MD, MPH, PhD

Prof. Nguyen Minh Tam is Director and Head of Clinic, Family Medicine Center, Hue University of Medicine and Pharmacy, Editor-in-Chief of Hue Journal of Medicine and Pharmacy Vice President, Vietnamese Association of Family Physicians. Prof.Nguyen Minh Tam's presentation is focusing on Implementation of advanced technologies in education transformation.

Le Quan Anh Tuan
University Medical Center, Ho Chi Minh city

Le Quan Anh Tuan, MD. PhD is Chief, Department of HepatoBiliary and Pancreatic Surgery, Deputy Head, Medical Office, from University Medical Center, Ho Chi Minh city. Le Quan Anh Tuan, MD. PhD 's presentation is focusing on Experience implementing Electronic health record at HCMC Medical University Hospital.

Tran Ngoc Phuc (Nitta Kazufuku)
Chairman of Metran group and CEO of MAGOS

Mr. Tran Ngoc Phuc) is the Chairman of Metran Group and CEO of MAGOS. He founded Metran in 1984, focusing on high-frequency oscillatory ventilators (HFO) for premature infants. He also develops JPAP devices for sleep apnea, ventilators for COVID-19 patients, and JFLO for COPD patients. Mr. Nitta holds numerous prestigious patents, is a member of the Japanese Cabinet's Asian Health Division, and is involved with the Asian Pacific Society of Respirology for Vietnam's healthcare. He is also a former president of the Vietnamese community in Japan.

Nguyen Thanh Thao
Assoc. Professor of Radiology, HUE UMP

Assoc. Prof. Nguyen Thanh Thao, MD. PhD. is Chair of Department of Radiology, University of Medicine and Pharmacy, Hue University, Head of Department of Radiology, Hue Medical University Hospital, Vice President of Vietnam Society of Musculoskeletal Radiology (VSSR). Assoc. Prof. Nguyen Thanh Thao's presentation is focusing on Potential for Operation and Quality Improvements through IoT in Radiological Sciences.

Tran Kiem Hao
Director, Department of Health of Thua Thien Hue Province

A/Prof. Tran Kiem Hao is a Director of Thua Thien Hue Department of Health. A/Prof. Tran Kiem Hao's presentation is focusing on Digital Transformation in Healthcare: in Thua Thien Hue province, contributing to modernizing services to protect, care for and improve people's health in the new situation.

Dao Xuan Thanh
Deputy Director, Hanoi Medical University Hospital

A/Prof. Dao Xuan Thanh is Deputy Director of Hanoi Medical University Hospital. A/Prof. Dao Xuan Thanh's presentation is focusing on Results of Digital transformation and Telehealth at Hanoi Medical University Hospital.

From Japan

Takanori Fujita
Senior Research Fellow, The Tokyo Foundation for Policy Research

Dr.Fujita's specialties include medical law and healthcare policy, particularly the legal and ethical aspects of handling medical information, including medical AI and online medical consultations. His social activities include serving as a committee member for the Contact Confirmation App Expert Panel at the Cabinet Secretariat and the Ethics Committee of the Japanese Orthopaedic Association. His presentaition is focusing on Ethical Aspects of Medical Technology.

Satoru Miyano
Specially Appointed Professor and Director, M&D Data Science Center, Tokyo Medical and Dental University

Dr. Satoru Miyano is Specially Appointed Professor and Director, M&D Data Science Center of Tokyo Medical and Dental University. And also he is Professor Emeritus of The University of Tokyo. He has received various awards, including the Fellow, International Society for Computational Biology in 2013 and The Healthy Society Award in 2020. His presentation is focusing on Enhancing Medical Safety and Quality through ICT.

Keisuke Oshima
Insurance and Healthcare Business Unit Overseas Business Design / Manager, JMDC Inc.

Mr. Keisuke Oshima is Insurance and Healthcare Business Unit Overseas Business Design / Manager of JMDC Inc. After completing master degree of Science in Chemical and Biomolecular Engineering at the University of Tokyo, he worked in a various businesses and companies. Then, he joined JMDC Inc. As a new business development specialist. His presentation is focusing on Introduction of a Hospital Management Efficiency Solution.

Exhibition Booth

Excel Creates Inc.

We energize people with software.
By the software we aim to contribute to extending the healthy life expectancy of the people.
We will spread technology cultivated in Japan to Asian countries, endeavoring to maintain friendship there.

"FORZ series" - integrated data management system- consist of multi-modality image filing system (PACS) with "Line View" (Information integrated viewer), image management system, Report creating system, Laboratory information system, Health check system, AI service and Cloud service. FORZ platform can be linked with various AI solutions to support diagnosis.

Excel Creates manufacturer and sell the software for medical institutions the integrated data management system "FORZ series". It enables management of various data through integration of departmental system and improves the work efficiency by the connection with the e-health records. Excel Creates provides products for clinics, hospitals, and medical examination facilities according to their demand.

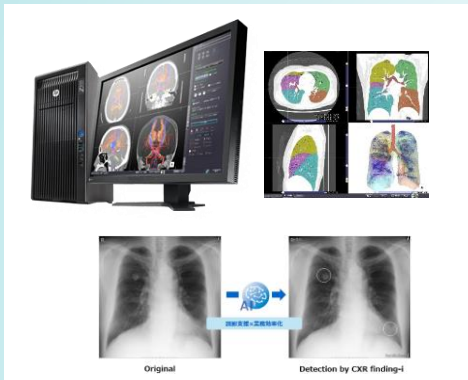| Contact (Vietnamese / English)	Sales Planning Department
	E-mail ec_overseas@excel-creates.jp
	Tel +81-6-6121-2130

Konicaminolta,INC.

Introduction to new value in imaging.AI diagnostic support for chest screening and CT/MRI images

The 3Dworkstation is AI-driven and contributes to simplifying the workflow and clinical approach of conventional CT/MRI image analysisThe latest Japanese technology is provided.

As a pioneer of Imaging in Japan, Konica Minolta has responded to the needs of the medical field with its core medical diagnostic imaging technologies.

Contact (Vietnamese / English)	Nguyen Xuan Bach
	IT Sale Manger – Health Care Department
	E-mail bach.nguyenxuan@konicaminolta.com
	Tel + 84 (24) 37767023

Exhibition Booth

Lea Bio corporation

Lea Bio

Key Message /Delivering equitable healthcare to children worldwide trough the power of information.

Lea Bio MEQUY with AI diagnostic function not only conducts pre-consultations but also continuously evolves with new disease prediction capabilities to address Vietnam's healthcare challenges.
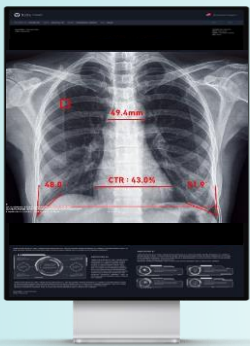
Lea Bio was established in Japan in 2019 and founded its Vietnamese subsidiary in May 2022. the company is currently deploying the AI pre-consultation system MEQUY service in Vietnam.

Contact
(Vietnamese / English)

NAME Yasuharu Hamanaka
E-mail   hamanaka@leabio.com
Tel   +818033190722

LPIXEL Inc.

LPIXEL

Safety and Innovation through AI

Produced by LPIXEL and developed alongside clinicians, medical imaging diagnostic support AI "EIRL" facilitates the efficient and accurate interpretation of medical images including radiology (X-Ray, CT, MRI) and real time colonoscopy. By increasing patient safety and clinician efficiency while decreasing the burden on healthcare staff, we envision a future where "doctor + AI" becomes the standard.

With a wealth of expertise in the life sciences and image analysis fields, LPIXEL is applying artificial intelligence to harness the vast amount of imaging data in the medical and bioscience domains.
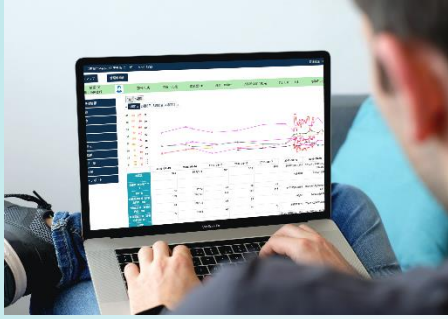
Contact
(Vietnamese / English)

NAME Ryuji Kaneko
E-mail   kaneko@lpixel.net
Tel   +81 70 8796 1920

Exhibition Booth

Medi-LX Inc.

Beyond nursing clinical judgement

Medi-EYE is an educational electronic health record (EHR) for nursing students. Educational EHR is available in-browser, with no additional software required, an up-to-date medical records system. In use in over 300 schools in Japan.

Medi-LX is Provide an authentic learning environment using cutting edge technology. Excellence Prize awarded at Japan Healthcare Business Contest 2023 (sponsored by METI) .

Contact (Vietnamese / English)	NAME	Ryo Ikebe
	E-mail	r-Ikebe@medi-lx.com
	Tel	+81(70)8330-4371

Linkedin

Medmain inc.

AI x Medicine

"A world where technology allows you to receive the medical care you need anytime and anywhere."

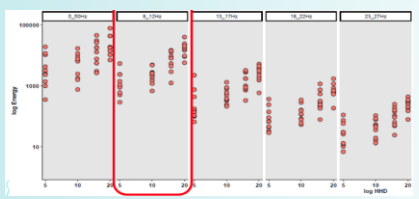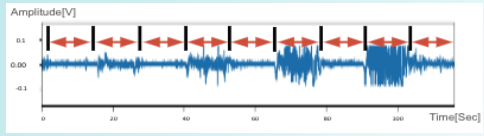Medmain provides two services to support "digital pathology.
"From "creating an environment for digital pathology" to "supporting pathological diagnosis using Virtual Images".
It is possible to provide consistent services.

Medmain is a Medtech Startup that combines doctors and engineers.
We aim to create a world where people can immediately receive high-level pathological diagnosis no matter where they are.

Contact (Vietnamese / English)	BUI MANH HA	
	E-mail	ha.buimanh@medmain.com
	Tel	09-6789-0013

Exhibition Booth

MoroActive inc.

株式会社MoroActive

Development of a system that sensitively detects "ADL decline signals" through sensor-based monitoring.

We are developing a system for more efficient and reproducible scientific assessment of Activities of Daily Living (ADL) using specialized algorithms that enable scientific sensing. Based on the detection of "signals of ADL deterioration" through this evaluation, we aim to help patients receive planned medical visits and avoid worsening of symptoms.

We are a startup that supports product development and maximization of value with the aim of developing the medical and nursing care field through medical digital transformation. In particular, we aim to solve issues and problems in the medical and nursing care fields through the development of algorithm that enable scientific evaluation and the integration of IT technology.

Contact (Vietnamese / English)	Takuya Sato
	E-mail sato@moroactive.com
	Tel +81-80-5563-1434

NEC Corporation

NEC

Fones Visuas

Earlier than Early Detection

FonesVisuas is a cutting-edge test for disease risk prediction and can offer prospect of future health risks.

This breakthrough is made possible by the pioneering technology from US-based company SomaLogic, which analyzes around 7,000 types of blood proteins, coupled with the advanced big data analysis and ICT technology of the NEC* Group.

Disease Risk Prediction

- Risk of a Cardiovascular (CVD) Event in 4 years
- Risk of developing Lung Cancer in 5 years
- Risk of developing Chronic Kidney Disease in 4 years
- Risk of developing dementia in 5years /20 years

Current Body Condition

- ・ Glucose Tolerance
- ・ Liver Fat
- ・ Alcohol Impact
- ・ Tabacoo Exposure
- ・ Visceral Fat
- ・ Cardiorespiratory Fitness (Vo2Max)
- ・ Resting Energy Rate

In the future..   **Fasting is not necessary before test**

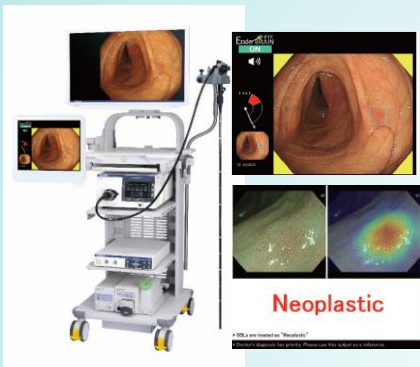| Breast Cancer | Pancreatic Cancer | More than 50 types of diseases |
| Colon Cancer | Esophageal Cancer | |
| Prostate Cancer | Stomach Cancer | |

*NEC Corporation, headquartered in Tokyo, Japan, is a Japanese multinational information technology and electronics corporation, leading in the integration of IT and network technologies.

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	OKUMA KAZUNORI	Tel: +8170-2611-6812
	Group Email: fonesvisuas_global@lss.jp.nec.com	

Exhibition Booth

Olympus Medical Systems Vietnam Co.,Ltd. **OLYMPUS**

EndoBRAIN Supports Real-time Diagnosis and Creates a New AI-Based Endoscopic Environment

In recent years, case volume for colonoscopy is increasing.AI diagnostic tool is required to assist the colonoscopy procedure.With EndoBRAIN,Olympus provides unprecedented new value by realizing diagnostic support in real time.

At Olympus, we are committed to Our Purpose of making people's lives healthier, safer and more fulfilling. As a global medical technology company, we partner with healthcare professionals to provide best-in-class solutions and services for early detection, diagnosis and minimally invasive treatment, aiming to improve patient outcomes by elevating the standard of care in targeted disease states.

Contact
(Vietnamese / English)

Phone: (84) 251-3514-555
E-mail: olympusmed-enquiries.ovn@olympus.com

OMRON HEALTHCARE **OMRON**

Omron Healthcare aims to advance health and empower people to live life to the fullest.

HEM-9030 - a professional-grade automatic BPM designed to optimize workflow, improve efficiency in hospitals with key features:

Elbow detection sensor: guide users to correct position, reduce nursing power.

- **Moveable cuff:** wide arm sizes range (17-42cm), easily self-monitoring.
- **EMR Connectivity**: automatically transfer the readings to patients' EMR, eliminate data manual entry and help doctors to have patients' full data.
- **Anti-bacteria material:** Minimize the risk of infection, provide safer working environment for HCPs.

The HEM-9030 is ideal for self-monitoring stations and consultations that helps doctors to achieve better efficiency & deliver comprehensive care.

OMRON Healthcare utilizes sensing technologies & insights in medical fields to establish a new style of preventive care, especially cardiovascular.
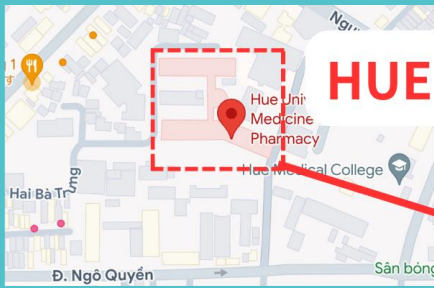
Contact
(Vietnamese / English)

HA THUC TRI
E-mail   tri.ha@omron.com
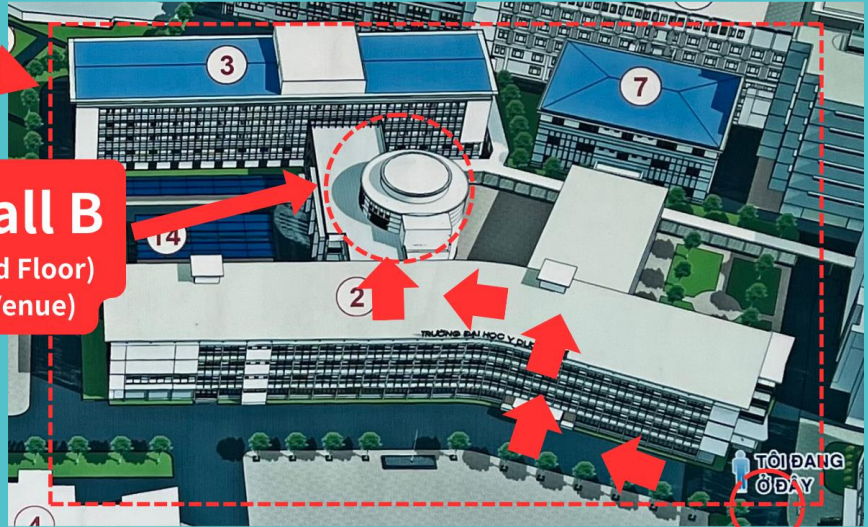Tel   028 3636 7238

Venue Map

HUE UMP

Hall B
(3rd Floor)
(Venue)

Drop-off area for Taxi

TÔI ĐANG
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Seminar Room & Exhibition Booth

LPIXEL

Lea Bio

NEC

Excel Creates

Seminar Room

Medi-LX

Exhibition

MoroActive

OMRON

TEA BREAK

Medmain

Olympus

Konicaminolta