

International Symposium of Innovative R&D on Health Systems

Universiti Malaysia Pahang and Okayama University

ZOOM Event, 10:00 (GMT+9)~ 28 Sep. 2021



This symposium is aimed at learning and understanding the R&D on health systems between Universiti Malaysia Pahang (UMP) and Okayama University (OU). This international exchange will lead to new innovative technologies by interdisciplinary science approach. Anyone interested is welcome to attend.

Registration:

Please contact sakai-k@okayama-u.ac.jp to receive Zoom's URL.

Organized by:



Graduate School of
Interdisciplinary Science and
Engineering in Health Systems



Faculty of Electrical
and Electronics Engineering
Technology

الكلية الهندسية
UNIVERSITI MALAYSIA PAHANG
FACULTY OF ELECTRICAL AND ELECTRONICS ENGINEERING
TECHNOLOGY
SENSOR

Program

(GMT+9, Japan Time)

- 10:00 Opening remarks
- 10:10 Kamarul Hawari Ghazali (UMP)
"Identification of Bacterial Infection Using Deep Learning"
- 10:30 Jiajia Yang (OU)
"Laminar fMRI: Approaching Human Brain Function at Cortical Layer Level"
- 10:50 Norizam Sulaiman (UMP)
"Offline LabVIEW-Based EEG Signals Analysis to Detect Vehicle Driver Microsleep"
- 11:10 Hani M. BU-OMER (OU)
"EEG Tells How Our Brain Modulates the Sense of Agency"
- 11:30 Nurul Akmal Che Lah (UMP)
"The Enhanced Properties of Nanoengineered Material in the Concept of Excellent Nano-Bio Interactions"
- 11:50 Lunch break
- 14:00 Kenji Sakai (OU)
"Highly Sensitive Magnetic Measurement Systems for Magnetic Nanoparticle"
- 14:20 Mohd Herwan Sulaiman (UMP)
"Nature Inspired Algorithm for Solving Optimization Problems"
- 14:40 Naoki Kanayama (OU)
"Affinity Maturation of Antibodies Using Hypermutating B Cell Line"
- 15:00 Mohd Mawardi Saari (UMP)
"Development of Benchtop AC Magnetometer for MNP Characterization"
- 15:20 Break
- 15:30 Addie Irawan Hashim (UMP)
"Mobile Robot Control Strategies: An Overview"
- 15:50 Tomohiko Yoshioka (OU)
"Development of Novel Biomaterials using Water Electrolysis"
- 16:10 Aiman Mohd Halil (UMP)
"Laser Materials Processing for Biomedical Applications"
- 16:30 Closing remarks