Symposium on Intelligent Data Science for Radiological Imaging (iDSRI) between Universiti Malaya and Kyushu University

Date: Sept 13, Monday, 2021
Time: 12:50 – 16:15 (Malaysia time)
 13:50 – 17:15 (Japan time)
Venue : Online (Zoom)
Hosted by: iDSRI UM-KU committee
Language: English
Fee: Free of charge

KYUSHU UNIVERSITY

UNIVERSITI MALAYA

cbie

iDSRI UM-KU executive committee

Universiti Malaya
Prof. Kwan Hoong Ng
Assoc. Prof Jeannie Wong
Dr. Wai Yee Chan

Kyushu University
Prof. Hidetake Yabuuchi
Prof. Toshioh Fujibuchi
Prof. Hidetaka Arimura

Program

Time	Title/topic	Speaker
13:50-13:55	Greetings from Kyushu University (KU)	Prof. Masayuki Sasaki (Dean of Health Sciences, Faculty of Medical Sciences, Kyushu University)
13:55-14:00	Greetings from Universiti Malaya (UM)	Prof. Dr. April Camilla Roslani, (Dean, Faculty of Medicine, Universiti Malaya)
14:00-15:00	*3 faculty lectures from UM (15 min + 5 min Q/A)*	Chairperson : Assoc. Prof Dr. Raja Rizal
	Genetic biomarker profiling in lung cancer and its role in treatment and prognosis	Prof. Chong Kin Liam
	Imaging in COVID-19 : The challenges in radiology and artificial intelligence	Dr. Wai Yee Chan
	Predicting high-yield biopsy from contrast-enhanced CT :an attempt at correlating contrast enhancement with FDG-avidity	Assoc. Prof. Dr. Mohammad Nazri
15:00-15:10	*10 min break*	
15:10-16:10	*3 faculty lectures from KU (15 min + 5 min Q/A)*	Chairperson : Assoc. Prof. Tadamitsu Ideguchi
	Analysis of pulmonary blood flow using CT and MRI	Prof. Hidetake Yabuuchi
	Radiological technology education utilizing virtual reality	Prof. Toshioh Fujibuchi
	Radiomics-based imaging biopsy approaches for precision radiology	Prof. Hidetaka Arimura
16:10-16:40	*3 student presentations from UM (7 min + 3 min Q/A)*	Chairperson: Assoc. Prof Jeannie Wong
	New biomarkers for beta-thalassemia using MRI	Ms. Umi Nabilah Ismail
	Magnetic Resonance Imaging Phenotypes of Breast Cancer Molecular Subtypes	Dr. Nazimah Mumin
	Semi-supervised GAN-based Radiomics Model for Data Augmentation in Breast Ultrasound Mass Classification	Ms. Pang Ting
16:40-17:10	*3 student presentations from KU (7 min + 3 min Q/A)*	Chairperson : Assist. Prof. Masateru Kawakubo
	Accelerating magnetic resonance imaging with compressed SENSE of quasi-dynamic shoulder	Ms. Namie Asano
	Proposal of a radiation protection education method using a x-reality visualization tool for scattered radiation behavior in a web browser	Mr. Kazuki Nishi
	Radiomics analysis for prognostic prediction for time to progression in non-small cell lung cancer patients treated with stereotactic ablative radiotherapy	Mr. Takumi Kodama