The Power of Data Science to Accelerate Health Medical Research

Co-organized by IMSUT International Joint Usage / Research Center

THE UNIVERSITY OF TOKYO / 東京大学

March 26th, 2021

13:25-17:05 ONLINE

Free Admission

Speakers

Lecture

See-Kiong Ng (National University of Singapore)
"Can AI rescue us from diseases and pandemics?"

Rui Yamaguchi (Aichi Cancer Center Research Institute)
"Data science and artificial intelligence toward genomic precision medicine"

Symposium

Michio Murakami (Fukushima Medical Univ. School of Medicine)
"Risk assessment for mass gathering events"

So Nakagawa (Tokai Univ. School of Medicine)
"Comparative genomic analysis of SARS-CoV-2 and closely-related coronaviruses"

Fuminari Miura (RIVM Nat. Inst. Public Health and the Environment / Ehime Univ.)
"Implications of wastewater-based epidemiology: can wastewater data reveal hidden transmissions?"

Yanan Wang (Monash University)
"Histopathological image analysis using deep learning"

Yao-zhong Zhang (IMSUT)
"Development of deep learning architectures for nanopore-based whole-genome methylation profiling"

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