DukeNUS Medical School

CSCB Cancer and Stem Cell Biology Seminar Series

AI in Healthcare: Where's the technology at ?

Abstract:

AI is poised to significantly impact healthcare by improving efficiency, affordability, and clinical outcomes. However, before the healthcare community and industry can truly realize the value, several challenges need to be overcome. This talk will highlight ongoing technology research to overcome key pain points in translating the value of AI to healthcare stakeholders.



Speaker:

Dr. Pavitra Krishnaswamy

Pavitra Krishnaswamy leads R&D efforts in Artificial Intelligence for Healthcare applications at I2R, A*STAR. Her research focuses on statistical learning and inference, and predictive analytics for multimodal clinical data, with a view to applications in clinical diagnostics and digital health. Pavitra earned a PhD in Electrical and Medical Engineering from the Harvard-MIT Division of Health Sciences and Technology. She has been recognized with the Dupont MIT Alliance Presidential Fellowship, the MIT Shilman Fellowship, and as a Future Leader of the Science and Technology in Society (STS) Forum.



Speaker:

Dr. Foo Chuan Sheng

Dr. Foo Chuan Sheng is a research scientist in the Deep Learning and Healthcare Departments at the Institute for Infocomm Research (I2R) at A*STAR. He leads the development of deep learning algorithms that can learn from less labeled data, to enable applications in healthcare and medicine, where collecting large, well-annotated datasets often requires careful expert labelling making it time and cost-prohibitive. He completed his BS, MS and PhD in Computer Science at Stanford University, where he worked on machine learning and deep learning for biology.

Date:

14 January 2019 (Monday)

Venue:

Amphitheatre, Level 2
Duke-NUS Medical School
8, College Road,
Singapore 169857

Time:

12pm – 1pm

Host:

Patrick Tan, MD PhD
Professor, Programme in Cancer & Stem Cell Biology
Duke-NUS Medical School
Singapore
Director, SingHealth Duke-NUS Institute of Precision Medicine (PRISM)

No registration is required. All are welcome.

Any enquiries, please contact:
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