

AI Methods for Science

A convergence of AI4Sci thematic workshops on exploring AI applications across various scientific fields

7 June 2024 | 8.00am-5.00pm

CREATE Theatre/ Seminar Room

Registration:

<https://go.gov.sg/aimethods4scienceworkshop>

0800-0830	Registration, coffee/tea & light breakfast
0830-0845	Opening by NRF and AI4Science team – Prof. Subodh Mhaishalkar
0845-0955	Domain Pitches from Themes (10 mins each) Prof. Sebastian Maurer-Stroh (Biomedical Sciences) Prof. Tan Seng Chee/Prof. Ben Leong (Education) Prof. Dario Poletti (Quantum and Hybrid Compute) Prof. Joanne Ngeow/Dr. Mile Sikic (Genomics) Prof. Ashok Venkitaraman (RNA Biology) Dr. Creighton Heaukulani/Prof. Robert Morris/Dr. Jimmy Lee (Digital Phenotyping) Dr. Rosa Qi/Prof. Daniel Ting/Prof. Ngiam Kee Yuan/Prof. Tan Cher Heng/Dr. Rick Goh (Healthcare)
0955-1030	Coffee/tea break
1030-1150	Domain Pitches from Themes (10 mins each) Prof. Madhavi Srinivasan/Dr. Yeoh Lean Wang (Sustainability) Prof. David Lo/Prof. Reza Shakri (Science, Software and Security) Dr. Andrey Ustyuzhanin/Dr. Beatrice Soh/ Prof. Kedar Hippalgaonkar/Prof. Kostya Novoselov (Materials Science and Chemistry) Prof. Saif Khan (Chemical and Biological Manufacturing) Dr. J Senthilnath/Dr. Li Xiaoli (Semiconductor Manufacturing) Prof. Duane Loh/Prof. Lock Yue Chew (Complexity Science and Physics) Prof. Bo An/Prof. Huang Ke-Wei (Finance) Profs. Dale Barker/Sang-Ho Yun (Earth and Climate Sciences)
1150-1220	Panel discussion on curating benchmark problems and datasets
1220-1320	Networking lunch
1320-1450	Sharing by invited speakers on AI methods for Science
1450-1600	Breakout group discussions with coffee/tea break
1600-1630	Breakout group presentations
1630-1645	Closing remarks (AI4Science team)