



AI for Science Thematic Workshop on Software and Security

A collaborative workshop for researchers to brainstorm and define the potential transformative ability of AI in the intersection of Science, Software, and Security (S³).

May 2, 2024 | 8.30am-2.00pm
CREATE Theatre/ Seminar Room

Registration: <https://go.gov.sg/ai4s3workshop>

0800 – 0830	Registration, Coffee/Tea & Light Breakfast
0830 – 0845	Opening Remarks by the AI for Science Team – Profs. Yang Zhang and Kedar Hippalgaonkar
0845 – 0900	Opening Remarks by the AI4S ³ Workshop Organizers – Profs. David Lo and Reza Shokri
0900 – 1045	Short Talks by Domain Experts: <ol style="list-style-type: none"> 1. Computational Sciences in the Era of Generative AI - Dr. Yidi Yuan, HTX 2. Cybersecurity for Biotechnology Advanced by AI - Prof. L.K. Shar, SMU 3. AI for Software Science (Formal) - Prof. Jun Sun, SMU 4. AI for Software Science (Empirical) - Prof. Christoph Treude, SMU 5. AI Privacy and Science - Prof. Reza Shokri, NUS 6. Automatically Creating Secure Code - Prof. Prateek Saxena, NUS 7. Towards Building an AI Studio and Dataset for Security and Software Engineering Research – Prof. Yang Liu, NTU
1045- 1115	Tea / Coffee Break
1115 – 1200	Breakout Discussions: Challenges and opportunities in AI4 (Software of Science, Security of Science, Science of Software, and Science of Security)
1200 – 1245	Sharing by Breakout Groups
1245 – 1300	Closing Remarks by Profs. David Lo and Reza Shokri
1300 - 1400	Networking lunch

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