



AI for Science

Thematic Workshop on **Chemical and Biological Manufacturing**

Wednesday, 24 April 2024
8.30 am-1.30 pm
Seminar Room 2, Level 6
Kinesis

Registration link:
<https://go.gov.sg/ai4biomanufacturingworkshop>

A collaborative workshop for researchers and industry practitioners to discuss grand challenges in chemical and biological manufacturing that can be addressed through AI innovation.

0830 - 0845	Registration, Coffee/Tea & Light Breakfast
0845 - 0900	Opening Remarks by the <i>AI for Science</i> team – Profs. Yang Zhang and Kedar Hippalgaonkar
0900 - 0915	Motivation and Drivers for the Workshop – Prof. Saif A. Khan
0915 - 1045	Short thematic talks on challenges and opportunities in: <ul style="list-style-type: none"> ▪ AI for the development of novel, scalable chemical and biological manufacturing processes ▪ AI for process intelligence and advanced control ▪ AI for rapid and robust product quality analytics
1045 - 1100	Tea / Coffee Break
1100 - 1200	Breakout discussions: chemical and biological manufacturing challenges to be addressed with AI
1200 - 1230	Sharing from breakout discussions
1230 - 1245	Summary and Way Forward (Prof. Saif A. Khan)
1245 - 1400	Networking lunch

With support from:

NATIONAL RESEARCH FOUNDATION
PRIME MINISTER'S OFFICE
SINGAPORE