

AI for Science Thematic Workshop on AI for Sustainability

21 May 2024 | 8.30am-1.30pm
(CREATE Seminar Room, Level 2 CREATE
Tower, Singapore 138602)

Registration link:
<https://go.gov.sg/ai4sustainability>

AI for Science in Sustainability

A collaborative space for researchers to brainstorm and share grand challenges in Sustainability that can potentially be addressed through AI innovation.

08:45		Registration closes			
08:45 – 09:00		Opening Remarks by the AI for Science team – Profs. Yang Zhang and Kedar Hippalgaonkar			
09:00 – 09:30		Motivation and Drivers of the Thematic Workshop – by Prof Madhavi Srinivasan, ED, ERI@N & Prof Yeoh Lean Weng, CSO, A*Star			
09:20 to 10:40	Talk 1 (10)	Emergent Grid applications with need for AI			SPEAKER PRESENTATIONS
	Talk 2 (10)	Energy transaction mechanisms with AI			
	Talk 3 (10)	Leveraging AI for Carbon Management & Decarbonization			
	Talk 4 (10)	Carbon Life cycle & Digitalization			
	Talk 5 (10)	Electrification trends & AI needs			
	Talk 6 (10)	Components enabling electrification & incorporating AI			
	Talk 7 (10)	Urban nexus & potential for AI			
	Talk 8 (10)	Transformation complexity in an urban ecosystem			
10:40 – 12:00	Grouping (5 mins)	BREAKOUT SESSIONS			
		FUTURE GRID	CARBON MANAGEMENT	ELECTRIFICATION	URBAN NEXUS
	60 mins	Deep dive	Deep dive	Deep dive	Deep dive
	15 mins	Summarize	Summarize	Summarize	Summarize
12:00 – 12:30		Sharing of outcomes by theme leads			
12:30 – 13:30		Networking Lunch			

With support from:

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