

TIME	DAY 1 (20.07.2023)	DAY 2 (21.07.2023)	DAY 3 (22.07.2023)
8:00 - 9:00 AM	BREAKFAST / REGISTRATION		
9:00 - 10:00 AM	<u>Inaugural Ceremony</u>	<u>Keynote 2</u> "Explainable Safety" Prof. Sanjoy Baruah, Washington Univ., St. Louis	<u>Keynote 3</u> "Bandit Algorithms for Channel Selection in Remote State Estimation" Prof. Daniel Quevedo, Queensland UOT
10:00 - 11:00 AM	<u>Keynote 1</u> "Challenges to achieve Verified AI" Prof. Sanjit Seshia, UC Berkeley	<u>Invited Talk</u> "Security and Privacy of Machine Learning" Prof. Anupam Chattopadhyay, NTU	<u>Invited Talk</u> "What Clinical Practice desires from Machine Learning?" Dr. Sujoy Kar, CMIO & VP, Apollo Hospitals
11:00 - 11:30 AM	TEA		
11:30 - 12:30 PM	<u>Oral Session 1</u>	<u>Invited Talk</u> "AI in reliability analysis of Safety Critical Systems" Dr. Lalit Singh, Nuclear Scientist, NPCIL (BARC)	<u>Oral Session 4</u>
12:30 - 1:00 PM		<u>Oral Session 3</u>	
1:00 - 2:00 PM	LUNCH		
2:00 - 3:00 PM	<u>Oral Session 2</u>	<u>Invited Talk</u> "AI in Agriculture" Dr. Subrat Panda, CTO, AGNEXT	<u>Invited Talk</u> "Realization of Battery Digital Twin at Nano cost" Mr. Prasanta Sarkar, GM, TATA Motors
3:00 - 3:30 PM	AI CPS Tutorial (KGP+IISC)	<u>Chief Guest Talk</u> "Inside Vande Bharat" Shri. Sudanshu Mani, Vande Bharat	<u>Invited Talk</u> "Image-based Perception & Control for Autonomous Systems in Dynamic Environs" Prof. Dip Goswami, Eindhoven University of Technology
3:30 - 4:30 PM	<u>Invited Talk</u> "Parallel Robot: Insights of an Academic Project to a Startup" Prof. Arun Dayal Udai, IIT (ISM) Dhanbad	<u>Invited Talk</u> "Low-power Intelligent Edge with Neuromorphic Processors" Dr. Arijit Mukherjee, Principal Scientist, TCS Research	<u>Panel Discussion</u> "Trustworthiness of AI based CPS: The Road Ahead" Prof. Partha Pratim Chakrabarti, IITKGP Prof. Bharadwaj Amrutur, IISC Mr. Prateep Misra, Universe Platform, TCS Prof. Sanjoy Baruah, WUIST Prof. Debdeep Mukhopadhyay, IITKGP Dr. Prasanta Sarkar, TATA Motors
4:30 - 5:00 PM	TEA		
5:00 - 5:15 PM	<u>Sponsor Session</u> Adani AI Challenges (Student Internships)	<u>AI4ICPS: AI Translational Research</u> UG, PG, PhD and Postdoc Fellowships and Technology Commercialization	<u>Valedictory Session</u> Announcement of Prizes CyPhySS Chairs
5:15 - 6:00 PM	<u>Optional Session</u> Technology Demonstration		
7:00 - 8:30 PM	DINNER	GALA DINNER	-