

i-SAIRAS 2024 Technical Program

Tuesday 19 November

Day 1	Time	Grand Plaza Auditorium				
Opening Session 1	08:30 - 10:35	Welcome to Country Welcome to i-SAIRAS 2024 (Jonathon Ralston) Welcome from CSIRO (Doug Hilton) Welcome from Queensland Government Plenary 1: Katherine Bennell-Pegg (ASA) Plenary 2: Masaki Fujimoto (ISAS/JAXA) Agency update 1: Julia Badger (NASA) Agency update 2: Thomas Wolf (DLR)				
Morning Tea	30 mins	Room 1	Room 2	Room 3	Room 4	Room 5
Session 2	11:10 - 12:50	AI4Space: Sponsored by SmartSat CRC	Robotics 1: Manipulation	Spacecraft 1: Service and Logistics	AI and Earth Observation	Rovers 1: Advanced Sensing
Lunch	60 mins					
Session 3	13:50 - 15:30	Expert Panel: Terrestrial Mining and Space	Robotics 2: Exploration and Architecture	Spacecraft 2: Logistics and Hazard Management	AI and Digital Workflow	Rovers 2: Novel Platforms
Afternoon Tea	30 mins					
Session 4	16:00 - 17:40	Technology Transfer 1: Mining and Space	Robotics 3: Collaborative Systems	Spacecraft 3: On-board Technologies	AI Knowledge Management	Rovers 3: Novel Platforms
Reception	18:00 - 19:30	Welcome Reception and Indigenous Performance				

Wednesday 20 November

Day 2	Time	Grand Plaza Auditorium				
Session 5	08:30 - 10:40	Welcome and Announcements Plenary 3: Larry James (SmartSat CRC) Plenary 4: Angela Krenn (NASA) Agency update 3: Hiroshi Ueno (JAXA) Agency update 4: Gianfranco Visentin (ESA) Agency update 5: Kimberley Clayfield (CSIRO)				
Morning Tea	30 mins	Room 1	Room 2	Room 3	Room 4	Room 5
Session 6	11:10 - 12:50	Technology Transfer 2	ISRU 1	Spacecraft 4: Payload Technologies	Interoperability	Rovers 4: AI and Localisation
Lunch	60 mins					
Session 7	13:50 - 15:30	Expert Panel: Space Engagement Opportunities	ISRU 2	Tele-remote Operations	Mars Technology 1	Rovers 5: Surface Exploration and Sensing
Afternoon Tea	30 mins					
Session 8	16:00 - 17:40	Challenges and Initiatives	ISRU 3: Robotics	Habitats and Human Support	Mars Technology 2	Rovers 6: Lava Tube Exploration
Dinner	18:30 - 21:30	Symposium Dinner				

Thursday 21 November

Day 3	Time	Grand Plaza Auditorium				
Session 9	08:30 - 10:40	Welcome and Announcements Plenary 5: Dave Alfano (NASA) Plenary 6: Bob Lamboray (LSA) Agency update 6: Arvind Ramana (ASA) Agency update 7: Martin Picard (CSA) Agency update 8: Amir Rahmani (JPL)				
Morning Tea	30 mins	Room 1	Room 2	Room 3	Room 4	Room 5
Session 10	11:10 - 12:50	Technology Transfer 3	Robotics 4: Collaborative Systems	Lava Tube Exploration and Habitats	Advanced Sensors and Systems	Rovers 7: Perception and Path Planning
Lunch	60 mins					
Session 11	13:50 - 15:30	Expert Panel: Trust and AI	Lunar Technology	Analogue Facilities	Sensors and Standards	Rovers 8: Perception and Path Planning
Afternoon Tea	20 mins					
Session 12	15:50 - 17:05	Technology Transfer 4	Mission Assurance and Validation	Field Analogues	Visualisation and Simulation	Rovers 9: Novel Platforms
Closing Ceremony	17:05 - 17:20	Symposium Close				