

Time Slot	Day - 1	Time Slot	Day - 2
Innovation Challenge over 2 days: Ideation on possible collaborative projects in Space using AI			
8:00 - 9:00	Registration (all events will be held in the Ion Amphitheater)		
9:00 - 9:15	Welcome and Introduction: Paul Cherukuri Vice President for Innovation, Rice University Associate Research Professor, Office of Innovation, Rice University	9:00 - 9:15	Welcome and Introduction: Paul Cherukuri Vice President for Innovation, Rice University Associate Research Professor, Office of Innovation, Rice University
9:15 - 9:30	Inaugural Address: Reggie DesRoches President, Rice University Professor, Civil & Environmental Engineering, Rice University Professor, Mechanical Engineering, Rice University	9:15 - 10	Fireside Chat: Doug Terrier Associate Director, Johnson Space Center <u>Guest</u> Nick Skytland , Johnson Space Center
9:30 - 10:00	Keynote-1: Omar Hatameleh Chief Advisor, AI and Innovation, Goddard Space Flight Center; Lead, NASA IT Strategy, NASA		
10:00 - 10:20	<i>Tea, Coffee, Snacks</i>	10 - 10:20	<i>Tea, Coffee, Snacks</i>
10:20 - 10:50	Open the Pod Bay Doors, Please: David Alexander Professor, Physics & Astronomy, Rice University Director, Rice Space Institute	10:20 - 10:50	Paving the Way for AI on Space Stations and Beyond: Jason Aspiotis Director, In-Space Infrastructure & Logistics, Axiom Space
10:50 - 11:20	Achieving Progressively Earth Independent Medical Operations for Deep Space Exploration: Kris Lehnhardt , NASA	10:50 - 11:20	Steve Smith Director, Flight Sciences & Human Integration, Blue Origin
11:20 - 12:35	Panel 1: Challenges of Health in Long-Duration Space Travel Moderator: Shashi Jain , Evergreen Aviation & Space Museum, ex-Intel <u>Panelists</u> John Kalantari , CTO of YRIKKA; Professor, University of Minnesota Erik Antonsen , Associate Professor, Baylor Alexander Lavin , Founder of Pasteur; IS and AI Advisor, NASA Kris Lehnhardt , NASA	11:20 - 12:35	Panel 4: Applications of AI in Space Industry & the Role of Ecosystem Moderator: Sanjoy Paul , Accenture <u>Panelists</u> Anshumali Shrivastava , Rice University, CEO Third Eye Lui Wang , NASA David C. Keldorf , NASA Steve Smith , Blue Origin
12:35 - 1:35	<i>Lunch</i>	12:35 - 1:35	<i>Lunch</i>
1:35 - 2:05	Startup Presentation: Anshumali Shrivastava , Rice University, CEO Third Eye	1:35 - 2:05	Improving Spaceflight Imagery with Machine Learning: Kenton Fisher , NASA & Alex Stoken , Jacobs
2:05 - 3:05	Panel 2: Analyze Research Data with AI at the Edge in Space Moderator: Sanjoy Paul , Accenture <u>Panelists</u> Nelli Babayan , Microsoft Federal Sacha Abinader , Accenture Arko Barman , Rice University	2:05 - 2:35	Autonomy for Robonaut 2: Planning for Complex Systems: Zachary Kingston , Kavradi Robotics Lab, Rice University
		2:35 - 3:05	Autonomous Data Analysis and AI for Cis-lunar Applications: Martin Heyne , Intuitive Machines
3:05 - 3:35	Steven Rader , NASA	3:05 - 4:05	Presentation of Innovative Ideas from the breakout session
3:35-4:05	Powering Space with Microsoft AI: Nelli Babayan Director, Azure Data & AI Analytics, Microsoft Federal		
4:05 - 5:20	Panel 3: Trusting AI in Applications of Ultimate Consequence Moderator: Laura Lucier , NASA <u>Panelists</u> Kenton Kirkpatrick , NASA Kevin Gordon , Firefly Aerospace Richard Morency , NASA Rahul Suresh , NASA	4:05 - 5:20	Panel 5: Reflections, Action items, and Final Thoughts Moderator: Monte GoForth , NASA <u>Panelists</u> Ali Llewellyn , NASA