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on Speakers



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Showcase Participants

2023 Innovation Nation Conference & Student Innovation Showcase

**Sunday, November 5th – LiUNA Station, Hamilton, ON
Grand Central Ballroom**

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| 7:30 am | Registration Opens – Main Lobby |
| 8:30 am | Dr. Mehran Anvari , Scientific Director, CSii <i>Opening Remarks, Introduction of the Student Innovation Showcase Exhibits and Overview of Entries on Display in the Lobby</i> |
| 9:00 am | Dr. John Preston , Associate Dean, Research, Innovation & External Relations; Professor, Department of Engineering, McMaster University <i>"What Does Society Expect from a Research-Intensive University?"</i> |
| 9:30 am | Dr. Matthew Miller , Scientific Director, Michael G. DeGroote Institute for Infectious Disease Research (IIDR); Canada Research Chair in Viral Pandemics; Associate Professor, Biochemistry and Biomedical Sciences, McMaster University <i>"Next-Generation Approaches to More Effective Pandemic Preparedness"</i> |
| 10:00 am | Dr. Mehran Anvari Student Showcase - Reminder to tour the Innovation Showcase in the lobby outside of the ballroom – Voting will close after luncheon break |
| 10:15 am | Refreshment Break |
| 10:30 am | James Brodie , General Manager, Johnson & Johnson MedTech Canada <i>"Surgery 4.0 - A Digitally Connected Future"</i> |
| 11:00 am | Dr. Eileen Stansbery , Chief Scientist, Johnson Space Centre, Division Chief of Astromaterials Research and Exploration Science (ARES), Division at the Johnson Space Centre (JSC), NASA <i>"The Artemis Mission"</i> |
| 11:30 am | Dr. Liz Warren , Director of Research Development, Orbital Reef, BLUE ORIGIN <i>"Orbital Reef: Next Generation Space Station Designed to Enable Science in Space to Benefit Health on Earth"</i> |
| 12:00 noon | Joseph Mancinelli , International Vice President, Canadian Director and Central and Eastern Canada Regional Manager of the Labourers' International Union of North America (LIUNA) <i>"Labour and the Economy"</i> |
| 12:30 pm | Luncheon Break Visit Student Showcase – Final Vote |
| 1:15 pm | Frank Teti , General Manager, Canadensys Aerospace Corporation <i>"The Commercial Lunar Ecosystem"</i> |
| 1:45 pm | Paul Grouchy , Director of Artificial Intelligence, MDA <i>"AI in Deep Space: Challenges and Opportunities"</i> |
| 2:15 pm | Dr. Graham Taylor , Professor and Canada Research Chair in Machine Learning, School of Engineering, University of Guelph, Research Director and Canada CIFAR AI Chair Vector Institute for Artificial Intelligence, Academic Director, NextAI <i>"Decoding the Living Library: AI's Role in Cataloging Biodiversity"</i> |
| 2:45 pm | Jacob Moon , Singer, Musician, Songwriter <i>Performance</i> |
| 3:15 pm | Dr. April Khademi , Associate Professor, Biomedical Engineering PI Image Analysis in Medicine Lab (IAMLAB) Toronto Metropolitan University <i>"Leveraging AI for Medical Imaging"</i> |
| 3:45 pm | Dr. Andrew Macdonald , AI Specialist, Mission Control <i>"Small Steps, Giant Leaps: Canadian Innovation in AI Space Technology"</i> |
| 4:15 pm | Andrew Newton , Research Engineer, Dept. Mechanical Engineering, McMaster University Alexandre (Alex) McCafferty-Leroux , PhD Student, Dept. Mechanical Engineering, McMaster University <i>"A High-Altitude Aircraft Mounted Robotic Telescope for Lunar Observations"</i> |
| 4:45 pm | Dr. Mehran Anvari <i>Showcase presentation trophies and Closing remarks</i> |