



2022 Innovation Nation Conference & Student Innovation Showcase

Sunday, October 23rd - LiUNA Station, Hamilton, ON

7:45 am **Registration Opens – Main Lobby**

Location: **Grand Central Ballroom**

8:30 am **Dr. Mehran Anvari, Scientific Director, CSii**
Opening Remarks and Introduction of the Student Innovation Showcase

8:45 am **Melissa Farrell, President, St. Joseph’s Healthcare Hamilton**
Title: *“Innovation at St. Joseph’s Healthcare”*

9:15 am **Dr. Karolina Papera Valente, CEO & CSO VoxCell BioInnovation**
Title: *“Human-like Vascularized Cancer Tissue Models”*

9:45am **Dr. Tak Mak, Senior Scientist, Princess Margaret Hospital, University Health Network, (UHN) Advanced Medical Discovery Institute**
Title: *“Scientific Trajectories: How do you find and solve important problems?”*

10:10 am **Dr. Mehran Anvari - Student Innovation Showcase Participants**

10:30 am **Refreshment Break - Grand Central Ballroom**

10:50 am **Cameron Dickenson, Space Science Researcher, MDA**
Title: *“Surveying One of the Oldest Objects in Our Solar System: Asteroid Bennu”*

11:20 am **Kirt Costello, Chief Scientist & Research Integration Deputy Manager, NASA, International Space Station**

Title: *“The Decade of Results: Capitalizing on the Investments On the ISS for the Benefit of Humanity”.*

11:50 am **Annie Martin, Health Beyond Portfolio Manager, Canadian Space Agency**
Title: *“Healthcare Beyond the Horizon”*

12:20 pm **Luncheon Break**

12:50 pm **Dr. Richard Hughson, Schlegel Research Chair in Vascular Aging and Brain Health, University of Waterloo**

Title: *“Astronaut Cardiovascular Health in Space: Parallels with Aging on Earth”*

1:15 pm **Jason Michaud, CEO, Stardust Technologies**

Title: *“The Serenity Project – using virtual reality to support astronauts well-being and mental health”*

1:40 pm **Leyla Soleymani, Canadian Research Chair (Tier 11) in Miniaturized Biomedical Devices**

Title: *“Advanced Materials for Improving Healthcare”*

2:05 pm **Claudia, Krywiak, President & CEO, Ontario Centre of Innovation**

Title: *“Where Next Happens”*

2:30 pm **Dr. Mehran Anvari, Scientific Director, CSii**

Title: *“How innovation is spurred by the desire to improve!”*

2:55 pm **Jeffrey McIsaac, Dean of Engineering and Aviation, Mohawk College**

Title: *“The Importance of Risk Tolerance in the Race for Innovation”*

3:20 pm **Qiyin Fang, Professor and Canada Research Chair in Biophotonics, Department of Engineering, McMaster University**

Title: *“Advanced optical imaging for biomedical applications”*

3:45 pm **Imran Gulamhussein, Student Presentation**

Title: *‘Mapping the earth from space: Using satellite imagery and machine learning to monitor ecological change.’*

4:15 pm **Dr. Mehran Anvari – Presents Showcase trophies**