



**2020 Innovation Nation Conference
& Student Innovation Showcase**
Sunday, January 19th - LiUNA Station, Hamilton, ON

7:45 am Registration Opens – Main Lobby

Program Grand Central Ballroom

8: 25 am Dr. Mehran Anvari, Scientific Director, CSii
Opening Remarks

8:30 am Introduction of the **Student Innovation Showcase Participants**
SkyVolt, Longan Vision, Inspiring Astronomy, Online Monitoring System, Reviewerly, Ryerson Ram Robotics, ImaginAble Solutions

8:45 am Dr. Ishwar K. Puri, Dean of the Faculty of Engineering, McMaster University

Title: *“The Pivot: Innovation in Engineering Education.”*

9:15 am Dr. Michael Gallagher President & CEO, Assoc. for Spaceflight Professionals

Title: *“Being Crafty: How to innovate in the space sector in Canada.”*

9:45am Faizan Rehmatullah, Engineer, Guidance, Navigation and Control, MDA

Title: *“Back to the Moon; Advances in Robotics for Planetary Exploration”*

10:10 am Dr. Mehran Anvari - **Student Innovation Showcase Participants** –
Lexivalley, AgeRate, Acessionom Technologies Inc., McMaster NEUDOSE, BASEF-Christopher Lamont, A Pineapple a Day Keeps the Doctor Away, AI Analytics for Mental Health, Urban Farming, Virtuary. And a special exhibit “Walnut” by future STEM Stars at St. Ann’s Elementary School.

10:30 am Refreshment Break - Grand Central Ballroom

10:50 am Layli Oshionowo, Director of Canadarm Capture Team, MDA

Title: *“Getting to the Gateway”*

11:20 am Jennifer Buchli, NASA International Space Station, Acting Deputy Chief Scientist

Title: *“Exploring New Frontiers: Science on the International Space Station”*

11:50 am Dr. Robert Thirsk, Canadian Astronaut

Title: *“3000 Orbits – Life Aboard the International Space Station”*

12:20 pm Luncheon Break

12:50 pm Jacob Moon, Singer, Songwriter, Performer

1:15 pm Marwan Sati, IBM Master Inventor, Development Executive, Watson Health Imaging, IBM

Title: *“The Era of AI in Medical Imaging”*

1:40 pm Dr. Michael C. Kolios, Professor in the Department of Physics at Ryerson University and Associate Dean of Research and Graduate Studies in the Faculty of Science.

Title: *“Photoacoustics: Using the colours of light to listen to the world.”*

2:05 pm Ty Shattuck, CEO, McMaster Innovation Park

Title: *“Innovating in a 1G Environment”.*

2:30 pm Eric Choi, Senior Business Development Manager, Space Business Unit, Magellan Aerospace

Title: *“The RADARSAT Constellation Mission – Canadian-Built Space Innovation in Action”.*

2:55 pm Antione Cantin, Ottawa University Student, Rubik’s Cube, World Record 2014, 2015 2018 – Competed in 16 countries across 5 continents in which he has competed in 82 officially sanctioned competitions and collected around 400 podium finishes.

Title: *“Five year follow-up: the world of a young speed solver”.*

3:20 pm Artash Nath & Arushi Nath, Co-Founders of Hot-Pop Robots

Title: *“Mars rover and Artificial Intelligence projects linked to space exploration.”*

3:45 pm Dr. Mehran Anvari - Showcase Awards Presentation
Closing Remarks

