



Canadian Aeronautics and Space Institute Ottawa Branch

Thursday, December 8th, 2016 Meeting Notice

Carleton Planetary Robotics Team – The Mars Rover Project

Main Speaker: Kelsey Doerksen, Project Lead
4th Year, Space System Design, Bach. of Aerospace Engineering Program
Dept. of Mechanical and Aerospace Engineering, Carleton University



Location: Room 3124, Mackenzie Engineering Building, Carleton University, 1125 Colonel By Dr.

6:30 – 7:00 pm: Meet and Greet – Refreshments will be served

7:00 – 8:00 pm: Presentation

8:00 – 8:00 pm: Question and Answer Session

The Carleton Planetary Robotics Team (CPRT) is a student-run team that is working to design, program and build a Mars rover to compete in international competitions a part of the University Rover Challenge Series (URC). The competitions test the rover's ability to traverse over different terrain, use its robotic arm to perform dexterous movements and perform a basic science analysis of soil collected by the rover using on-board instrumentation.

Last July, the team competed at the first-ever United Kingdom URC and placed fourth overall. It was also the first time the team had competed at a URC. This year, the team is working to compete at the URC hosted at the Mars Desert Research Center in Hanksville, Utah. This is the largest international Mars rover competition in the world, bringing teams from over 12 different countries to compete.

This event is being organized in collaboration with the Carleton Mechanical and Aerospace Society (CMAS). **RSVP to Omer Majeed: omer.majeed@srs.aero**.