

Agenda

RASC-AL SPECIAL EDITION: MARS ICE CHALLENGE



Monday, June 4, 2018

7:00 – 8:30 PM **Check-in, Badging, and Networking Event**
Newport News Marriott at City Center
740 Town Center Drive
Newport News, VA 23606

Tuesday, June 5, 2018

7:45 AM **Teams meet at Badge & Pass Office**
Arrive with prototypes, tools, etc.

8:00 – 8:10 AM **Hangar Safety Briefing**
NASA Langley Research Center Hangar

8:10 – 8:50 AM **Breakfast**
Hangar

8:50 – 9:20 AM **Tour of Hangar**

9:30 – 9:40 AM **Welcome and Introductions**
Shelley Spears, RASC-AL Program Director, NIA Building 2102, Reid I

9:40 – 10:10 AM **Guest Speaker: Gerald Sanders, NASA JSC**
Mars ISRU and the Importance of Water Resources
Building 2102, Reid I

10:10 – 10:45 AM **Teams Can Visit Gift Shop**

10:45 – 3:45 AM **Unpack, Assemble & Test Prototype Systems**
NASA Langley Research Center Hangar
12:30 – 1:30 PM
Grab-n-Go Lunch

3:45 – 5:30 PM **Competition Rules and**
Mass, Volume, and Weight-On Bit Testing

5:30 – 5:45 PM **Pack Up Equipment**

5:45 PM **Free Time/Dinner on Your Own**

Wednesday, June 6, 2018

7:30 AM **Teams Arrive at Hangar**
Grab-n-Go Breakfast in Hangar at 7:30 a.m.

7:30 – 9:00 AM **Set Up Systems**
Hangar

9:00 – 3:00 PM **6 Hours of Competition**
11:45 – 12:45 PM
Grab-n-Go Lunch

Poster Session: The Mars Ice Challenge Steering Committee will be visiting teams throughout the competition for an informal but evaluated poster session. Please ensure that your poster is displayed by your test station at all times on the 6th and 7th.

Wednesday, June 6, 2018 (cont.)

3:00 – 3:30 PM **Water Measurement and Recording**

3:30 – 3:45 PM **Pack Up Equipment**

4:00 – 5:00 PM **Tour of NASA Langley Facilities**

5:15 – 7:15 PM **Dinner at Corner Bistro**
200 Fountain Lane
Poquoson, VA 23662

Thursday, June 7, 2018

7:30 AM **Teams Arrive at Hangar**
Grab-n-Go Breakfast in Hangar at 7:30 a.m.

7:30 – 8:30 AM **Set Up Systems**
Hangar

8:30 – 2:30 PM **6 Hours of Competition**
12:00 – 1:00 PM
Grab-n-Go Lunch

2:30 – 3:00 PM **Water Measurement and Recording**

3:00 – 3:45 PM **Pack Up Equipment**

3:00 – 4:30 PM **Judges' Deliberation**
Hangar

4:00 – 5:00 PM **Team Knowledge Capture Session**
Building 2102, Pearl Young Theater

7:30 – 9:30 PM **Awards Ceremony**
Newport News Marriott at City Center
740 Town Center Drive
Newport News, VA 23606

Friday, June 8, 2018

8:30 AM **Teams That Volunteered for Clean-Up**
Arrive at Hangar

8:30 – 1:00 PM **Clean Up**
Hangar & the National Institute of Aerospace
1100 Exploration Way, Hampton, VA 23666

NASA Langley Research Center Tour: We will take a tour of various NASA Langley facilities on Wednesday where sleeves, pants, and closed-toed shoes are required. Please feel free to bring a change of clothes. Cameras and photography will be allowed in most areas. Follow instructions from each facility's tour guide.