

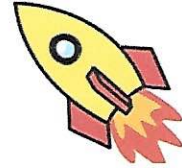
STEM Day

Presented by
Bradley University Center for STEM Education, Peoria Riverfront Museum, and
Peoria Astronomical Society

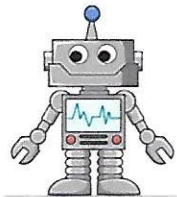
Saturday, April 14, 2018

9:00 AM – 10:30 AM

Air Rockets – Building and Launching: Bradley University Campus, Westlake Hall Room 116. Designed for budding scientists in grades 3-8, this hands-on workshop will engage rocketeers in constructing and then launching air-powered rockets. (Note: This event is weather dependent.)



10:30 AM – 12:30 PM



Robots and Space Exploration Activities: Peoria Riverfront Museum (Lobby Area) – Robots are currently exploring Mars, looking for signs of past liquid water. Learn about robots being built right here on Earth by Robot Casserole, FIRST Robotics Competition Team 1736.

1:00 PM – 2:30 PM



Frontiers in STEM Education Presentation: Mr. Bryan Palaszewski from NASA's Stennis Space Center speaking about the Manned Mission to Mars and Exploration of our Solar System: Bradley University Campus, Michel Student Center Ballroom.



3:30 PM – 4:30 PM

Special Planetarium Program:



Peoria Riverfront Museum (Dome Planetarium) --Uniview: The Exploration of Mars. There are more robotic spacecraft exploring Mars today than ever before, and more in the pipeline. Come to the Dome Planetarium at the Peoria Riverfront Museum to visit the Red Planet using our immersive Uniview software. Uniview allows us to fly a virtual spacecraft up, over, and around our neighbor planet and witness Mars' ancient wonders for ourselves. This live, interactive show also encourages audience questions and suggestions.

7:35 PM – 9:00 PM

Observing the Night Sky at Northmoor Observatory: Donovan Park, 5805 North Knoxville Avenue (Peoria) – on the park grounds south of the parking lot (follow the lights). Viewing hosted by the Peoria Astronomical Society. (Note: This event is weather-dependent.)



THE MISSION TO MARS

“NASA and Future Human Exploration of the Solar System”

Presented by Bryan Palaszewski

Research Scientist at NASA's Stennis Space Center



Photo courtesy of NASA



Photo courtesy of NASA



Drawing courtesy of Maricio Pampin

The Bradley University Center for STEM Education
invites the public to his

FREE presentation!

WHERE: Michel Student Center Ballroom

WHEN: 1:00 PM, Saturday, April 14, 2018

About the Presentation:

- NASA's past and current plans to send humans to the planet Mars
- Mars Mission program objectives and mission overview
- Earth-Mars transit space propulsion systems (chemical, nuclear thermal, nuclear electric)
- Space environment concerns
- Living on the Martian surface and potential colonization plans



Questions? Please contact the Center for STEM Education, 309-677-3001 or stemed@bradley.edu