MASON SCIENCE COMMUNITY

Climate Dynamics PhD grad joins NASA GMAO

Edward Szuszczewicz, assistant professor of physics and astronomy, discusses how the use of space resources could propel human colonization throughout the solar system in the coming decades and beyond.

Mars rover named Perseverance

Last week the world raptly and virtually followed the progress of NASA’s fifth Mars rover mission: Perseverance. The rover is set to begin exploring the Martian surface on February 18, 2021.

By Fernando Miralles-Wilhelm

It is a special honor to be a part of NASA’s fifth Mars rover mission: Perseverance, as it is the first rover to land on the surface of Mars carrying a sample collection system. The mission is set to return to Earth in 2022, giving us the first samples of the red planet’s surface to study on Earth.

Perseverance 

Fernando Miralles-Wilhelm

Science still has a lot to learn from the red planet, and this mission is going to be one of the most exciting Mars missions to date. The rover is equipped with a suite of scientific instruments designed to study the planet’s geology, climate, and potential for habitability.

March 17, 2021 | 6:45 to 10 p.m.
The Future of Humanity in Space

Join us for the next Galileo Science Cafe presented by affiliate faculty member, Dr. James L. Doti, President Emeritus and Professor of Economics at Chapman University, to discuss the benefit-cost analysis of COVID policy intervention at the state and national level.

Mars among institutions to honor President’s Climate Change Initiative, High-Performing Leaders

Mason among institutions to honor President’s Climate Change Initiative, High-Performing Leaders. Aarthi Narayanan, professor of forensic science and director of the Forensic Science Program, discusses her research on developing and improving methods of extracting DNA from bone with hopes of making DNA analysis more efficient and decreasing casework backlogs. Her current research looks at improving the methods of DNA extraction from low level samples in order to make DNA analysis more efficient and decrease casework backlogs. Her current research looks at improving the methods of DNA extraction from low level samples in order to make DNA analysis more efficient and decrease casework backlogs.

ScienceConnect 2021

Wednesday, February 24, 2021

ScienceConnect 2021 is an online event that aims to bring together students, faculty, and staff from Mason’s College of Science and other institutions to connect, collaborate, and discuss the latest in scientific research.

Mason scientists to develop GeoWeaver platform

Mason scientists to develop GeoWeaver platform. The GeoWeaver platform is an online, collaborative, and shareable, replicable, reusable, and scalable workflow system for spatial information science and systems.

By Elizabeth Grisham

Mason scientists will develop a GeoWeaver platform for spatial information science and systems. The platform will be used to develop workflows for spatial data analysis and visualization.

Understanding how best to use space resources could propel human colonization throughout the solar system in the coming decades and beyond.

Edward Szuszczewicz

Assistant Professor

Physics and Astronomy

Fairfax, VA | 22030 US

4400 University Drive

Manage

Share this email: