





## SEMINARIO del Programa de Doctorado de Ingeniería Matemática, Estadística e Investigación Operativa

## **Kevin Coggins** NASA

## The NASA's Approach to Lunar **Communication and Navigation: Artemis and Beyond**

Kevin Coggins is the Deputy Associate Administrator and Program Manager for the NASA Space Communications and Navigation Program (SCaN) that serves as the program office for all of NASA's space communications operations. Over 100 NASA and non-NASA missions rely on SCaN's Near and Deep Space networks for Earth observation, lunar exploration support, Solar System exploration and beyond, and to peer back in time to understand the origins of the universe.

NASA's approach to lunar communication and navigation for the Artemis program will be introduced in this talk. The Artemis campaign will reestablish a human presence on the Moon, including landing the first woman. Innovative technologies will be used to explore the lunar surface and establish the first long-term presence on the Moon to facilitate further space exploration and human missions to Mars.

Organized by: Programa de Doctorado de Ingeniería Matemática, Estadística e Investigación Operativa (IMEIO), Instituto de Matemática Interdisciplinar (IMI), Sección Departamental de Física de la Tierra y Astrofísica NASA

> Date: Wednesday, october 23, 2024, 11:00h Place: Aula Miguel de Guzmán Facultad de CC. Matemáticas, UCM