

Miguel García-Garibay
Senior Dean, UCLA College
Dean, Division of Physical Sciences

cordially invites you to the

2024 Moossa J. Arman Colloquium in Astronomy

"The James Webb Space Telescope: Two Years of Data Are Changing Astronomy"

presented by



Marcia J. Rieke

Regents' Professor of Astronomy, The University of Arizona
Dr. Elizabeth Roemer Endowed Chair in Steward Observatory
Principal Investigator for the near-infrared camera on JWST

JWST was launched on December 25, 2021, and this successful launch has ushered in a new era in astronomy. This complicated, expensive telescope is proving more than its worth in exciting discoveries. The search for distant galaxies has now gone far beyond anything that the Hubble Space Telescope could reach. Other areas of astronomy such as characterizing planets orbiting other stars have also been revolutionized.



Wednesday, April 10, 2024

4:30 p.m. Reception

5:30 p.m. Lecture

James West Alumni Center, Collins Room

Reception will take place outdoors on the Collins Patio

RSVP HERE

Self-parking available in [Structure 8](#)

[Public Transit to UCLA](#)

Marcia J. Rieke is a Professor of Astronomy at the University of Arizona and the Dr. Elizabeth Roemer Endowed Chair in Steward Observatory. She is the principal investigator for the near-infrared camera (NIRCam) on the James Webb Space Telescope. As principal investigator for the NIRCam, Rieke is responsible for making sure that the instrument is built and delivered on time and on budget. She works with the engineers at Lockheed Martin who are building NIRCam and helps them decipher the instruments' requirements, massaging its plans into shape.

Rieke is an elected fellow of the American Academy of Arts and Sciences. Her research interests include infrared observations of the center of the Milky Way and of other galactic nuclei. She has served as the deputy principal investigator on the Near Infrared Camera and Multi-Object Spectrometer for the Hubble Space Telescope (NICMOS), and the outreach coordinator for the Spitzer Space Telescope. She also has been active in using Arizona's ground-based telescopes and a member of the UA College of Science's Galileo Circle Fellows. Her contributions to astronomical research, to instrument development and to service to the astronomical community in public policy and outreach are recognized internationally.