

PHYSICS & ASTRONOMY

THE UNIVERSITY OF TEXAS AT SAN ANTONIO



Dr. Nancy Levenson

Hubble Space Telescope Institute

Monday, January 9th, 2017

JPL 4.04.22

3:00 PM

Science Opportunities with the James Webb Space Telescope

The James Webb Space Telescope (JWST) is scheduled for launch in October 2018, and the limited mission lifetime requires advance preparation to maximize the science return. I will give an introduction to JWST, its instruments, and the expected areas of science focus. I will also describe the opportunities for open investigations, which begin with activity in 2017.

Bio

Nancy A. Levenson is the Deputy Director at the Space Telescope Science Institute, which is a multi-mission operations center for NASA's flagship observatories and a world-class astronomical research center. Previously, she had been the Deputy Director and Head of Science of Gemini Observatory, which operates large telescopes from some of the best sites on Earth, in Chile and Hawaii, on behalf of an international consortium. Dr. Levenson obtained her PhD at the University of California, Berkeley. She was a postdoctoral researcher at the Johns Hopkins University and a member of the faculty in the Department of Physics and Astronomy at the University of Kentucky, ultimately as the Jack and Linda Gill Associate Professor. She is also a Fellow of the American Association for the Advancement of Science. Dr. Levenson's research interests are active galactic nuclei, especially the dust and star formation that can hide them from plain view.

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