



the James Webb SPACE TELESCOPE

THE FIRST LIGHT MACHINE



Dr. H. Philip Stahl is the James Webb Space Telescope Optical Telescope Element Mirror Optics Lead, responsible for its primary, secondary and tertiary mirrors. He is a Senior Optical Physicist at NASA Marshall Space Flight Center.



Presentation by
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Tuesday, March 12th
8:00 pm
1200 EECS Bldg,
U of M, North Campus

Scheduled to begin its 10 year mission after 2018, the James Webb Space Telescope (JWST) will search for the first luminous objects of the Universe to help answer fundamental questions about how the Universe came to look like it does today. At 6.5 meters in diameter, JWST will be the world's largest space telescope. This talk reviews science objectives for JWST and how they drive the JWST architecture, e.g. aperture, wavelength range and operating temperature. Additionally, the talk provides an overview of the JWST primary mirror technology development and fabrication status.

