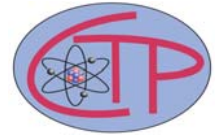




NEW YORK CITY COLLEGE OF TECHNOLOGY
Physics Department
Center for Theoretical Physics



After Hubble: Exploring the James Webb Space Telescope

Presented by:

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**Thursday, April 28 at noon
Namm, Room 823**

Abstract

The NASA James Webb Space Telescope (JWST) was described in NASA's Independent Comprehensive Review Panel report as the most scientifically powerful telescope NASA, the European Space Agency and the Canadian Space Agency will build: "the next Great Observatory to replace the Hubble Space Telescope." With the Webb Telescope, astronomers will reach back to the beginning of time to detect very early supernovae and explore the nature of Dark Energy. As of February 2011, three quarters of the total mass of JWST is either fabricated or in fabrication. This talk will describe the inventions and technological advances required to design and develop the James Webb Space Telescope.

