

Conference: IAU Conference

Location: Beijing, China

Dates: August 19-30, 2012

Title: Overview of the JWST Program

Presenter: M. Clampin

Abstract:

The James Webb Space Telescope (JWST) is a large aperture (6.5 meter), cryogenic space telescope with a suite of near and mid-infrared instruments covering the wavelength range of 0.6  $\mu\text{m}$  to 28  $\mu\text{m}$ . JWST's primary science goal is to detect and characterize the first galaxies. It will also study the assembly of galaxies, star formation, and the formation of evolution of planetary systems. We will review the expected scientific performance of the observatory, and recent technical progress with the observatory and its complement of instruments.