



Astrophysics: The James Webb Space Telescope

From first light to new world views



The Pontifical Academy of Sciences regularly organizes workshops to discuss scientific knowledge and technological advances that affect human life.

The upcoming workshop will focus on the exciting new results from the James Webb Space Telescope (JWST) on topics including earliest galaxies, galaxy evolution, lifecycle of stars and the ISM, exoplanets and protoplanetary disks, and the solar system.

The James Webb Space Telescope is revolutionizing many areas in astronomy with its exquisite images and rich spectra that are more sensitive and sharper than those of previous facilities. The workshop aims to reflect on what this new knowledge means for science and society, and what we can learn about the outreach and public engagement efforts from JWST and other major facilities that would also be applicable to other disciplines.