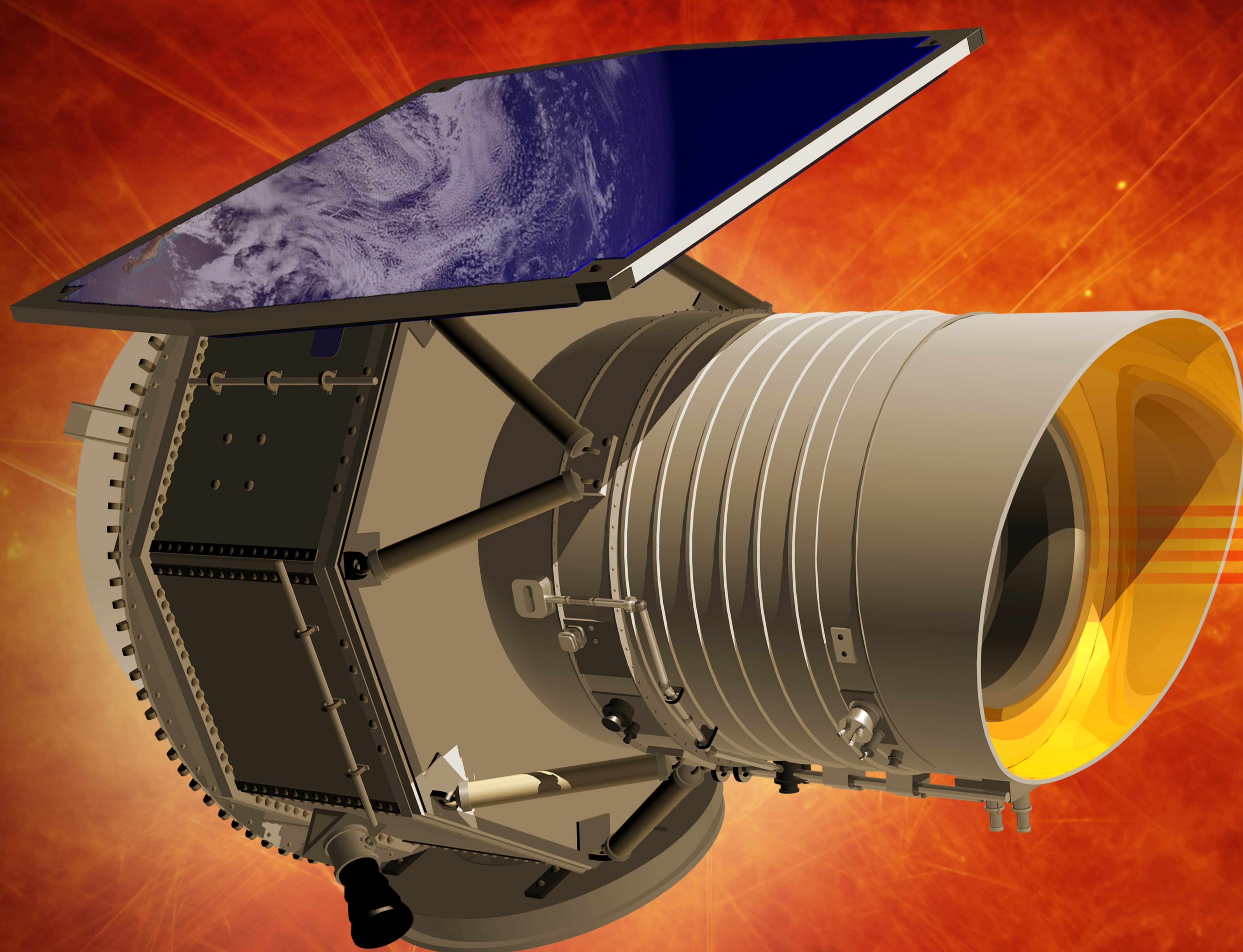


Mapping the Infrared Sky WISE

Wide-field Infrared Survey Explorer



WISE is a NASA Explorer mission that will image the entire sky in four infrared wavelengths, producing an atlas and a catalog of hundreds of millions of objects. The scientific legacy of the WISE survey will endure for decades.

Science Objectives

Find the most luminous galaxies in the Universe.

Find the closest stars to the Sun.

Detect most Main Belt asteroids larger than 3 km.

Enable a wide variety of studies ranging from the evolution of planetary debris discs to the history of star formation in normal galaxies.

Provide an important source catalog for the James Webb Space Telescope (JWST).

WISE will engage students, teachers and the public in a journey of exploration of the infrared sky.