

[IT01] First Results of the AKARI Satellite

Takashi Onaka

*Dept. of Astronomy, Univ. of Tokyo, JAPAN*

AKARI is the first Japanese infrared satellite mission dedicated for infrared astronomy, a JAXA project with the participation of ESA. It was launched 2006 February 22 (JST) and we just had the one-year anniversary. AKARI was designed to make an all-sky survey at 6 photometric bands in the mid to far infrared (9–160 micron), which will surpass 24 year old IRAS survey, together with staring observations for deep imaging and spectroscopy. AKARI has two scientific instruments on board, the Far-Infrared Surveyor, FIS, and the Infrared Camera, IRC. Both instruments have been working fine and providing significant data for the various fields of astronomy. Strong contributions from Korean groups are being made to the data reduction as well as from U.K. and the Netherlands groups. In this presentation, An overview of the AKARI mission is given together with the first scientific results of the AKARI mission.

---