

Activity Report of Commission J March 2011 – June 2011

June, 30th 2011

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ALMA project

ALMA is in commissioning observations and construction. At the observation site, more than fourteen telescopes are equipped (Fig.1). And 1st open use observations will start in this year. For it, 1st proposal cycle has started. In order to polish up the individual proposals, some workshops were held for each field of science by ALMA.



Figure 1. Fourteen antennas at the ALMA observation site.

East Asian VLBI network

Japan and Korea are collaborating to develop next generation VLBI correlator at Seoul, which has capability of sixteen station correlation with 8 Gbps per station. It has largest capability in the world. It becomes operational, and commissioning has been started. Also some science targets by using Japanese and Korean VLBI networks have been started to discuss.

Activities of meetings

- ALMA workshop for nearby AGN

Date: March, 28th, April, 29th, and June 21st, 2011

Place : National Astronomical Observatory of Japan

Aims: The main objectives of this workshop are:

Review the recent results of nearby AGN researches including mega-maser sources and discuss about the strategy for ALMA proposals.

- ALMA workshop for high-Z

Date: May, 31st, 2011

Place : National Astronomical Observatory of Japan

Aims: The main objectives of this workshop are:

Review the recent results of high-Z objects researches and discuss about the strategy for ALMA proposals.

- ALMA workshop for nearby galaxies

Date: June, 14th, 2011

Place : National Astronomical Observatory of Japan

Aims: The main objectives of this workshop are:

Review the recent results of nearby galaxies researches and discuss about the strategy for ALMA proposals.

- ALMA workshop for star and circum-stellar envelop

Date : June 23rd, 2011

Place: JAXA/ISAS

Aims: For the proposal applications of ALMA

- Japan-Korea science workshop of VLBI

Date: June 13th-14th, 2011/07/01

Place: National Astronomical Observatory of Japan

Aims: Review the possible science target by using combined array of VERA and KVN