

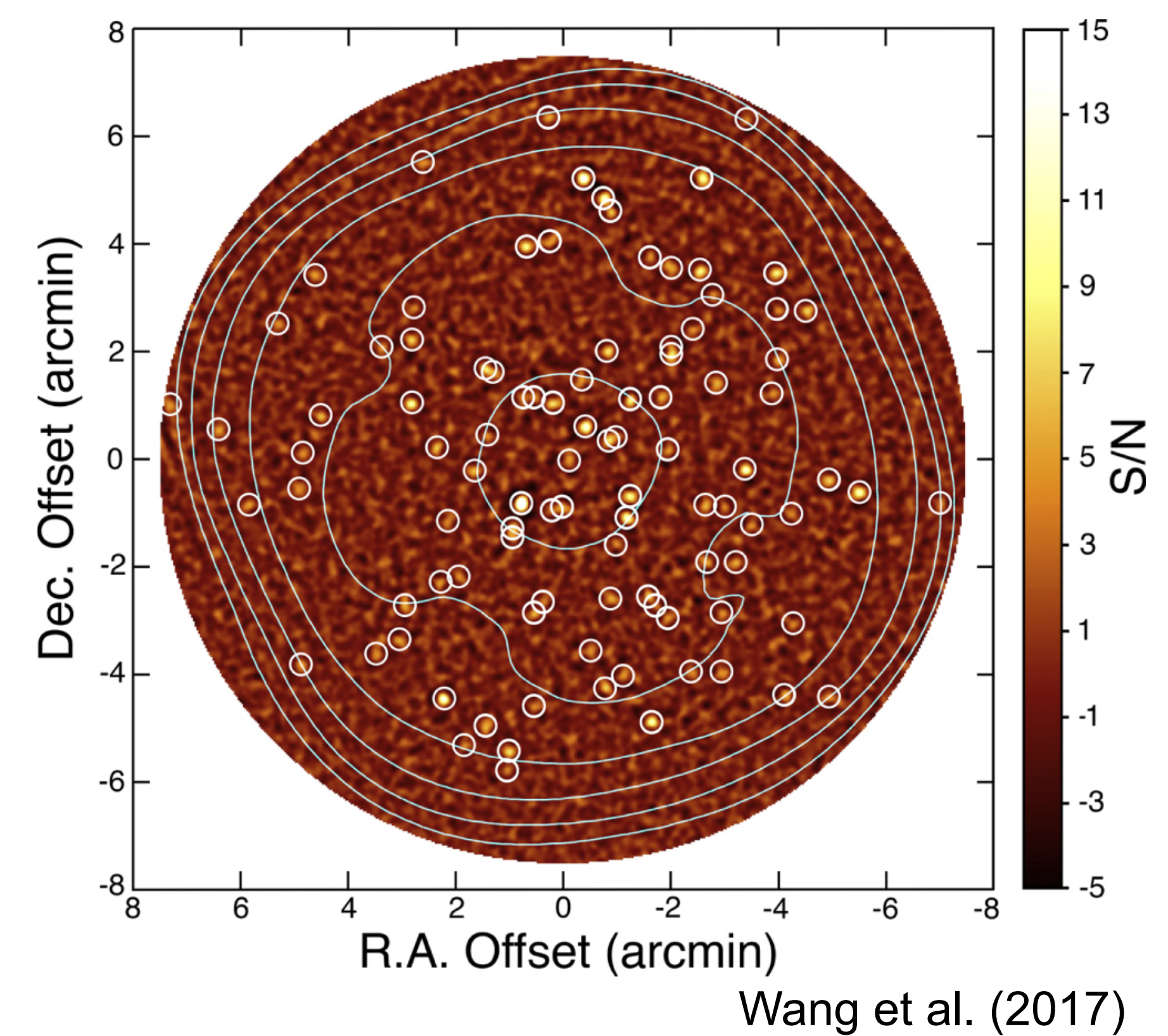
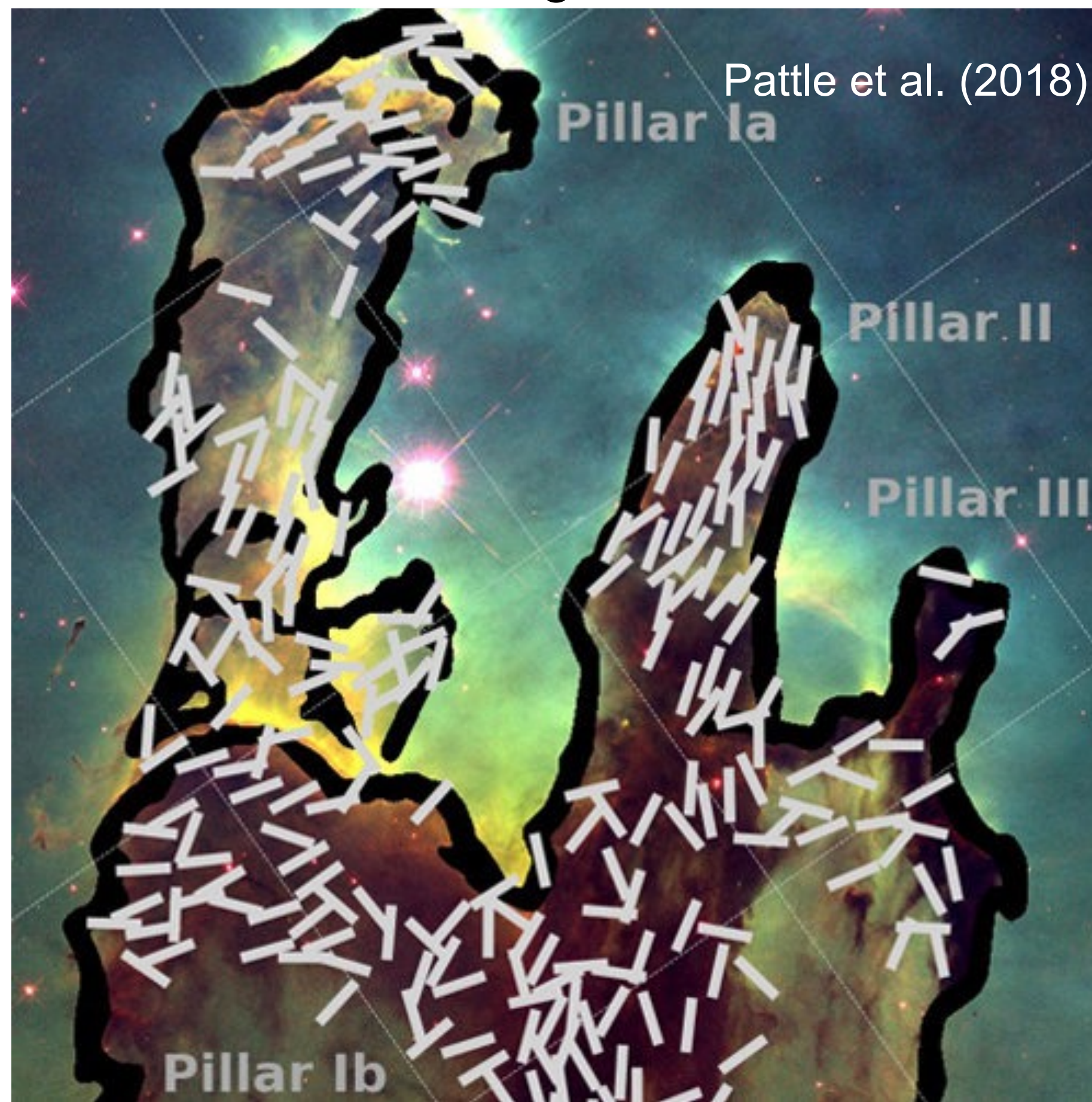
# EAST ASIAN CORE OBSERVATORIES ASSOCIATION

The East Asian Core Observatories Association (EACOA) was established in 2005 by ASIAA, National Astronomical Observatory of Japan (NAOJ), Korea Astronomy and Space Science Institute (KASI), and National Astronomical Observatories of the Chinese Academy of Sciences (NAOC). EACOA hosts the EACOA Postdoctoral Fellowship Program and organizes regional scientific conferences, in addition to funding the East Asian Observatory, for promoting the collaboration and science excellence in the East Asian regions.



The EACOA directors, EAO Board members, and EAO Director-general met at the National Astronomical Research Institute of Thailand (NARIT) in Chiangmai, Thailand in 2022.

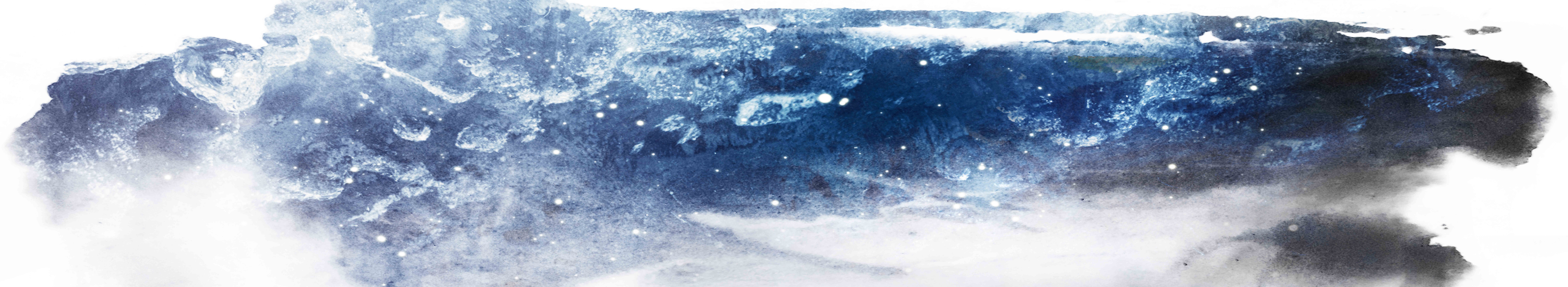
For the first time, astronomers are able to map out, with the JCMT SCUBA2 POL-2 instrument, the morphology of the minute magnetic fields in dense gas of the Pillars of Creation in the Eagle Nebula.



As one of the large program at JCMT, the SCUBA-2 Ultra Deep Imaging EAO Survey (STUDIES) imaged a representative sample of the high-redshift far infrared (FIR) galaxy population that may account for the FIR background.

## East Asian Observatory and James Clerk Maxwell Telescope

The East Asian Observatory (EAO), founded by EACOA, aims to promote the collaboration in astronomical research among the East Asia regions and to develop, construct, and operate first class astronomical facilities in the world. The EAO is currently operating the James Clerk Maxwell Telescope (JCMT) atop of Mauna Kea at 4000m above sea level on the Big Island in Hawaii. Taking advantage of the large 15-meter reflector, the best weather condition on Earth, and the suit of state-of-the-art instruments, astronomers can study those celestial objects near the Earth, such as comets, planets and their satellites in the Solar system, those in the Milky Way Galaxy, such as the star forming clouds, all the way to those far far away, such as extragalaxies and the associated supermassive black holes in their nuclei, and the high red-shift galaxies at the dawn of the Universe.



# EAST ASIAN OBSERVATORY

