



The Submillimeter Array From SMA to uSMA

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Call for SMA Science Observing Proposals from East Asia

Credit: Sergio Martin

- **2017A semester**
(2017 May 16 – 2017 Nov. 15)
Call for proposals: 2017 Jan.
Deadline: 2017 Feb.
- **2017B semester**
(2017 Nov. 16 – 2018 May 15)
Call for proposals: 2017 Jul.
Deadline: 2017 Aug.

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The [Submillimeter Array \(SMA\)](#) is an 8-element radio interferometer located atop [Maunakea in Hawaii](#). Operating at frequencies from 180 GHz to 418 GHz, the 6m dishes may be arranged into configurations with baselines as long as 509m, producing a synthesized beam of sub-arcsecond width. Each element can observe with two receivers simultaneously, with up to 8 GHz bandwidth each per sideband. The digital correlator backend provides a uniform resolution as high as 140 kHz. The Submillimeter Array is a joint venture of the [Smithsonian Astrophysical Observatory](#) and the [Academia Sinica Institute of Astronomy and Astrophysics](#).

<http://sma.l.sma.hawaii.edu>