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CSO SPECIAL SCIENCE SEMINAR

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TIME: 3:00 PM, Friday 15th February 2008

PLACE: CSO Conference Room

TITLE: Extragalactic Science with APEX and SHARCII/CSO

SPEAKER: Dr. Attila Kovacs
Max Planck Institute for Radio Astronomy

ABSTRACT:

I will provide a brief overview of the extragalactic science projects currently under way at the APEX telescope in Chile, with special focus on the early extragalactic results from the new 295-pixel bolometer camera LABOCA. In the second part, for a more local flavor, I will present the results from a follow-up study of submillimeter galaxies with the SHARCII camera at the CSO. The SHARCII data allows the first firm constraints of the dust-temperatures and bolometric luminosities for this population of high-z galaxies. They also allow the testing of the radio to far-infrared correlation at the higher redshifts.

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Caltech Submillimeter Observatory (CSO) Hilo office is located in the University Park, at the corner of Komohana – Nowelo Street.
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