
CSO SPECIAL SCIENCE SEMINAR

TIME: 11:00 AM, Monday 28th April 2008

PLACE: CSO Conference Room

**TITLE: Evolution and Astrophysics of Distant
Ultraluminous Galaxies**

SPEAKER: Dr. Andrew Blain
California Institute of Technology

ABSTRACT:

The most luminous high-redshift galaxies are dominated by energy production at far-infrared wavelengths. Selected with poor angular resolution using ground-based submillimeter and space-borne far-infrared telescopes, they are a crucial component of our understanding of galaxy formation. However, understanding their properties requires arduous follow-up observations from radio to X-ray. I will describe progress with understanding the evolution and astrophysics of these galaxies, which trace the top end of the galaxy luminosity function, and highlight some forthcoming opportunities using NASA's WISE, and ALMA.

Caltech Submillimeter Observatory (CSO) Hilo office is located in the University Park, at the corner of Komohana – Nowelo Street.
111 Nowelo Street, Hilo HI 96720 (Phone: (808) 935-1909)