

Clearing Our View of the Universe with

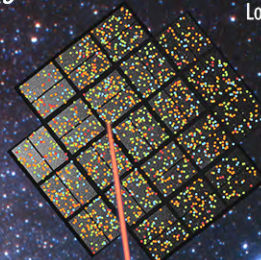
Robo-AO

with Dr. Christoph Baranec

Deneb

Location of Kepler Planet Candidates

- Earth size
- Super Earth size
- Neptune size
- Giant planet size



Vega

Albireo

Altair



Size of a single Kepler pixel

Wednesday, 8 October 2014, 7:30 p.m.

UH Mānoa Art Building Auditorium

Open to the Public, Free Admission,

Campus Parking \$6.00

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When we peer out into the Universe with ground-based optical and infrared telescopes, Earth's atmosphere limits the clarity of our vision. Adaptive optics (AO) systems counteract the blurring effects of the atmosphere and greatly increase the acuity of our observations. In this talk, Dr. Baranec will review the technology behind adaptive optics and talk about the world's first fully automated laser adaptive optics instrument, Robo-AO.



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