

2008 KECK SCIENCE MEETING

MORNING PROGRAM

All Sessions Held in Earth and Marine Sciences Room B206

Thursday, September 18, 2008

| | | |
|-------------------|--|---------------------------------------|
| 7:45 am–8:15 am | Coffee and Sweets in the Earth and Marine Sciences Lobby | |
| 8:15 am–8:30 am | Opening Remarks | Mike Bolte UC Santa Cruz |
| 8:30 am–10:00 am | Science Session 1 | |
| 8:30 am–8:45 am | Morphology Trends Within $z \sim 2$ Dust-Obscured Galaxies from Keck Adaptive Optics | Jason Melbourne Caltech |
| 8:45 am–9:00 am | Search for $z \sim 7$ Galaxies in the COSMOS Field: Keck/NIRSPEC Spectroscopy | Bahram Mobasher UC Riverside |
| 9:00 am–9:15 am | Stellar Populations and the Dissolution of Super Star Clusters | Nate McCrady UCLA |
| 9:15 am–9:30 am | Dual Supermassive Black Holes in DEEP2 Early-Type Galaxies | Julie Comerford UC Berkeley |
| 9:30 am–9:45 am | The Abundances of Metal-Poor Stars in the Outer Halo of the Milky Way | David Lai UC Santa Cruz |
| 9:45 am–10:00 am | The Outburst of V1647 Orionis and its Relationship to FUor and EXor Eruptions | Colin Aspin IfA, U Hawai'i |
| 10:00 am–10:15 am | Rapid-Fire Poster Session 1 | |
| 10:15 am–10:45 am | Break | |
| 10:45 am–12:15 pm | Science Session 2 | |
| 10:45 am–11:00 am | The DEEP2 Survey and Beyond | David Rosario UC Santa Cruz |
| 11:00 am–11:15 am | Keck Cosmic Web Imager | Chris Martin Caltech |
| 11:15 am–11:30 am | Determining the Physical Properties of Very-Low-Mass Stars and Brown Dwarfs with NIRSPEC | Emily Rice UCLA |
| 11:30 am–11:45 am | Dynamical Constraints on the Masses of the Nuclear Star Cluster and Black Hole in the Late-Type Spiral Galaxy NGC 3621 | Aaron Barth UC Irvine |
| 11:45 am–12:00 pm | A 600 Minute Near-Infrared Lightcurve of Sgr A* | Leonhard Meyer UCLA |
| 12:00 pm–12:15 pm | Exploring Galaxy Halos with Deimos | Duncan Forbes Swinburne University |
| 12:15 pm–1:30 pm | Lunch | |

2008 KECK SCIENCE MEETING

AFTERNOON PROGRAM

All Sessions Held in Earth and Marine Sciences Room B206

Thursday, September 18, 2008

1:30 pm–3:00 pm

Science Session 3

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| 1:30 pm–1:45 pm | The Evolution of Black Hole—Galaxy Correlations of Active Galaxies | Jong-Hak Woo UCLA |
| 1:45 pm–2:00 pm | Spectroscopic and Photometric Landscape of Andromeda's Stellar Halo (SPLASH) | Raja Guhathakurta UC Santa Cruz |
| 2:00 pm–2:15 pm | Dynamical Mass of the Substellar Benchmark Binary HD 130948BC | Trent Dupuy IfA, U Hawai`i |
| 2:15 pm–2:30 pm | Integral Field Spectroscopy of Local Lyman-Break Analogs | Thiago S. Gonçalves Caltech |
| 2:30 pm–2:45 pm | LGS-AO Observations of the HV Tau C Edge-On Protoplanetary Disk | Gaspard Duchene UC Berkeley |
| 2:45 pm–3:00 pm | Dark Matter, Dynamics, and Rotation in Early-Type Galaxy Halos | Aaron Romanowsky UC Santa Cruz |

3:00 pm–3:15 pm

Rapid-Fire Poster Session 2

3:15 pm–3:45 pm

Break

3:45 pm–5:00 pm

Science Session 4

| | | |
|-----------------|---|--|
| 3:45 pm–4:00 pm | Studying Substructure in Moderate-Redshift Galaxies with Keck AO | Chris Fassnacht UC Davis |
| 4:00 pm–4:15 pm | Extended Emission-Line Regions: Remnants of Quasar Superwinds? | Hai Fu Caltech |
| 4:15 pm–4:30 pm | Stars on Double Duty: Probing Cool Gas Properties of Galaxies at $z \sim 0.6$ | Kate Rubin UC Santa Cruz |
| 4:30 pm–4:45 pm | The Fundamental Properties of Low-Mass Stars | Adam L. Kraus Caltech |
| 4:45 pm–5:00 pm | WKMO Observing Support in 2008 | Bob Goodrich WM Keck Observatory |
| 5:00 pm–6:00 pm | Director's Address to Participants | Taft Armandroff WM Keck Observatory |
