

# Astronomy

Session **V**

Room: 142 Keck

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| 10:20 - 10:40 AM   | <b>Colleen R. Delaney</b><br><i>Stanley and Chenmei Hsu</i><br><i>SURF Fellow</i> | Far Out! Finding Exoplanets in Wide Orbits  | John A. Johnson<br><i>Assistant Professor of Astronomy</i>   |
| 10:40 - 11:00 AM   | <b>Christina C. Lee</b>   | A Planet Survey Around Evolved Intermediate Mass Stars in Open Clusters   | John A. Johnson<br><i>Assistant Professor of Astronomy</i>   |
| 11:00 - 11:20 AM   | <b>Alexander R. Rudy</b><br>Pomona College  | Building Software Components for the RoboAO Robotic Adaptive Optics Instrument  | Christoph J. Baranec<br><i>Postdoctoral Scholar in Astronomy</i><br>Reed Riddle<br><i>Research Scientist in Astrophysics</i>                                 |
| 11:20 - 11:40 AM   | <b>Marland H. Sitt</b>  | Atmospheric Dispersion Corrector System for Robo-AO (Robotic Laser Adaptive Optics and Science Instrument for 1-3 m Telescopes) | Christoph J. Baranec<br><i>Postdoctoral Scholar in Astronomy</i><br>Reed Riddle<br><i>Research Scientist in Astrophysics</i>                                 |
| 11:40 AM - 1:00 PM | <b>LUNCH</b>  |   |  |
| 1:00 - 1:20 PM     | <b>Giordon H. Stark</b><br><i>Edward C. and Alice Stone</i><br><i>SURF Fellow</i> | Submillimeter Transmission of Materials   | Simon Radford<br><i>Member of the Professional Staff in Astronomy</i><br>David A. Miller<br><i>Microwave/Electronics Engineer in Submillimeter Astronomy</i> |
| 1:20 - 1:40 PM     | <b>Kelvin C. Fang</b>   | Automatic Transient Recognition   | S. George Djorgovski<br><i>Professor of Astronomy</i><br>Ciro Donalek<br><i>Postdoctoral Scholar in Astronomy</i>  |
| 1:40 - 2:00 PM     | <b>Radmila Dancikova</b>  | Blazars: The Cosmic Accelerators  | S. George Djorgovski<br><i>Professor of Astronomy</i><br>Ashish Mahabal<br><i>Staff Scientist in Computational Astronomy</i>                                 |
| 2:00 - 2:20 PM     | <b>Nihar Sharma</b>   | Classifying Things That Go *BANG!* in the Night   | S. George Djorgovski<br><i>Professor of Astronomy</i><br>Ciro Donalek<br><i>Postdoctoral Scholar in Astronomy</i>  |
| 2:20 - 2:30 PM     | <b>BREAK</b>  |   |  |

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| 2:30 - 2:50 PM | <b>Christopher J. White</b><br><i>The Aerospace Corporation</i><br><i>SURF Fellow</i> | Improving Techniques for the Direct Detection and Characterization of Extrasolar Planets   | Justin R. Crepp<br><i>Postdoctoral Scholar in Astronomy</i><br>Lynne Hillenbrand<br><i>Associate Professor of Astronomy</i> |
| 2:50 - 3:10 PM | <b>Joanna R. Robaszewski</b><br><i>Homer J. Stewart SURF Fellow</i>                   | Spectroscopic Analysis of Young Stars in the Sigma Orionis Cluster   | Lynne Hillenbrand<br><i>Associate Professor of Astronomy</i>  |
| 3:10 - 3:30 PM | <b>Anson C. Lam</b>   | Relativistic Pre-Merger Disk Dynamics of Binary Black Holes  | Christopher M. Hirata<br><i>Assistant Professor of Astrophysics</i>   |
| 3:30 - 3:50 PM | <b>Sedona H. Price</b><br><i>Charles and Valerie Elachi</i><br><i>SURF Fellow</i>     | Weak Gravitational Lensing Measurements on a Subaru Survey: Point Spread Function Estimation, Shear Measurements, and Cosmological Constraints | Jason D. Rhodes<br><i>Scientist, JPL</i><br>Joel Berge<br><i>Postdoctoral Scholar, JPL</i>                                  |