

Astronomy

Session **M**

Room: 125 Kerckhoff

1:00 - 1:20 PM	Aaron W. Chan <i>Alain Porter Memorial SURF Fellow</i>	Quality assessment of skydata from the OVRO-LWA radio telescope	Gregg W. Hallinan <i>Professor of Astronomy</i> Nivedita Mahesh <i>David and Ellen Lee Postdoctoral Scholar Research Associate in Astronomy</i>
1:20 - 1:40 PM	Yanfen Lin <i>Dale and Suzanne Burger SURF Fellow</i>	Modeling and Simulation of Antennas for Absolute Flux Measurements in Early Cosmology	Gregg W. Hallinan <i>Professor of Astronomy</i> Nivedita Mahesh <i>David and Ellen Lee Postdoctoral Scholar Research Associate in Astronomy</i>
1:40 - 2:00 PM	Anica J. Ancheta <i>Flintridge Foundation SURF Fellow</i>	Investigating the HD 984 system with the Keck Planet Imager and Characterizer	Dimitri P. Mawet <i>David Morrisroe Professor of Astronomy; Senior Research Scientist, JPL</i> Katelyn Horstman <i>Graduate Student in Astrophysics</i>
2:00 - 2:20 PM	Cecilia K. Abramson	Cloud watching in the simulated circumgalactic medium	Lars Hernquist <i>Mallinckrodt Professor of Astrophysics, Harvard University</i> Scott Lucchini <i>ITC Postdoctoral Fellow in Astrophysics, Harvard University</i> Cameron Hummels <i>Research Scientist and Director of Astrophysics Outreach</i>
2:20 - 2:40 PM	Maria J. Sanchez Rincon	Turbulence! A multi-scale investigation into the dynamics of the circumgalactic medium around UGC 7342	Mandy Chen <i>Brinson Postdoctoral Scholar Fellowship Trainee in Astronomy/Carnegie Observatories</i> Charles C. Steidel <i>Lee A. DuBridge Professor of Astronomy</i>
2:40 - 3:00 PM	Diya T. Kumar	Disruption of resonant-chain planetary systems	Fei Dai <i>Assistant Professor of Astronomy, University of Hawaii at Manoa</i> Lynne Hillenbrand <i>Professor of Astronomy</i>

3:00 - 3:10 PM	BREAK		
3:10 - 3:30 PM	Athiwat N. Ackaramongkolrotn	Evaluating late-time nebular spectral features for progenitor mass in stripped-envelope supernovae	Mansi M. Kasliwal <i>Professor of Astronomy</i> Kaustav Das <i>Graduate Student in Astrophysics</i>
3:30 - 3:50 PM	Nikhita Penugonda <i>Harold and Mary Zirin SURF Fellow</i>	The fast and the furious: Explosion properties of faint stripped-envelope supernovae from the Zwicky Transient Facility	Mansi M. Kasliwal <i>Professor of Astronomy</i> Kaustav Das <i>Graduate Student in Astrophysics</i>
3:50 - 4:10 PM	Oleksandra Pyshna <i>Flintridge Foundation SURF Fellow</i>	YSN-Class (Young SuperNova Classifier)	Mansi M. Kasliwal <i>Professor of Astronomy</i> Ashish Mahabal <i>Deputy Director, Caltech Center for Data-Driven Discovery</i> Wynn Jacobson-Galan <i>Hubble Postdoctoral Scholar</i> <i>Research Associate in Astronomy</i>
4:10 - 4:30 PM	Ethan A. Alderete <i>Jean J. Dixon SURF Fellow</i>	Characterizing WISEA J064750.85-154616.4, a new L/T transition binary system	Trent Dupuy <i>Reader in Observational Astronomy, University of Edinburgh</i> Andrew W. Howard <i>Professor of Astronomy</i>
4:30 - 4:50 PM	Veronika C. Voss <i>Bob and Carole Chapman Minority SURF Fellow</i>	Efforts toward precise stellar characterization for Keck Planet Finder spectrographs	Andrew W. Howard <i>Professor of Astronomy</i> Luke Handley <i>Graduate Student in Astrophysics</i>
4:50 - 5:10 PM	Mariana Vale Taveira <i>Saul and Joan Cogen Memorial SURF Fellow</i>	Anomaly detection in astrophysical time series using recurrence plots	Matthew J. Graham <i>Research Professor of Astronomy</i> Kira Nolan <i>PostBAC Research Fellow in Astronomy</i>