

Astronomy

Session **Q**

Room: 100 Powell-Booth

1:00 - 1:20 PM	Gurmeher Kathuria University of California, Los Angeles	TIC 88297141Ab: A validated transiting planet around a young M dwarf in Upper Scorpius	Luke Bouma <i>Staff Scientist in IPAC</i>
1:20 - 1:40 PM	Allison A. Xu Caltech <i>Edward C. Stone Voyager SURF Fellow</i>	Preparing for the deluge of brown dwarfs in NEO Surveyor data	Joseph Kirkpatrick <i>Project Scientist in IPAC</i> Christopher Gelino <i>Staff Scientist in IPAC</i> Federico Marocco <i>Staff Scientist in IPAC</i>
1:40 - 2:00 PM	Abrar Amin Cornell University	Census of low-mass galaxies with the Hubble Space Telescope	Mike G. Jones <i>Staff Scientist in IPAC</i>
2:00 - 2:20 PM	Yang Shen Harvey Mudd College	Finding supermassive black hole binaries with machine learning in preparation for space-based gravitational wave detection	David O. Cook <i>Staff Scientist, IPAC</i> Matthew J. Graham <i>Research Professor of Astronomy</i>
2:20 - 2:40 PM	Nora K. Kane Caltech <i>Thomas Lauritsen SURF Fellow</i>	Constraining the critical Eddington ratio and variability signatures of changing-look AGN: A population-level study	Matthew J. Graham <i>Research Professor of Astronomy</i>
2:40 - 2:50 PM	BREAK		
2:50 - 3:10 PM	Athiwat N. Ackaramongkolrotn Caltech <i>Edward C. Stone Voyager SURF Fellow</i>	Inferring supernovae progenitor properties from a systematic sample of nebular spectra	Mansi M. Kasliwal <i>Professor of Astronomy</i> Kaustav Das <i>Postdoctoral Scholar Research Associate in Astronomy</i>
3:10 - 3:30 PM	Klara S. Nager Stockholm University	Detective of the skies: Unveiling the hidden population of low- nickel-mass Type IIb supernovae	Mansi M. Kasliwal <i>Professor of Astronomy</i> Christoffer Fremling <i>Staff Astronomer in Astrophysics</i>
3:30 - 3:50 PM	Elisa Gao University of Chicago	Late-time HST photometry and X-ray analysis of a sample of Type II supernovae	Mansi M. Kasliwal <i>Professor of Astronomy</i> Wynn Jacobson-Galan <i>Hubble Postdoctoral Scholar Research Associate in Astronomy</i>
3:50 - 4:10 PM	Ishaan Gurazada University of Illinois Urbana-Champaign	A uniformly reduced ultraviolet spectroscopic repository of supernovae from the Hubble Space Telescope	Mansi M. Kasliwal <i>Professor of Astronomy</i> Wynn Jacobson-Galan <i>Hubble Postdoctoral Scholar Research Associate in Astronomy</i>