

Astronomy

Session **R**

Room: 151 Crellin

1:00 - 1:20 PM	Adam El-Hindi École Polytechnique	Beyond statistical isotropy in D galaxy surveys	Olivier P. Doré <i>Senior Faculty Associate in Physics</i> Henry Gebhardt <i>Research Associate in Physics</i>
1:20 - 1:40 PM	Ming To Suen Columbia University <i>VURP Fellow</i>	Extreme long-duration Be star outbursts discovered with NEOWISE	Lynne Hillenbrand <i>Professor of Astronomy</i>
1:40 - 2:00 PM	Tyler N. Tuttle University of California, San Diego	Breaking orbital degeneracies of directly imaged companions using KPIC relative radial velocities	Dimitri P. Mawet <i>David Morrisroe Professor of Astronomy; Senior Research Scientist, JPL</i> Clarissa R. Do O <i>B. Thomas Soifer Postdoctoral Scholar Research Associate in Astronomy</i>
2:00 - 2:20 PM	Melvin Storbacka KTH Royal Institute of Technology <i>VURP Fellow</i>	Probing far-from-equilibrium strangeness-driven bulk viscosity in binary neutron star inspirals	Elias R. Most <i>Assistant Professor of Theoretical Astrophysics; William H. Hurt Scholar</i> Jiaxi Wu <i>Graduate Student in Physics</i>
2:20 - 2:40 PM	Grant D. Van Gerpen Georgia Institute of Technology	Accelerating simulations of black hole accretion using time dilation	Elias R. Most <i>Assistant Professor of Theoretical Astrophysics; William H. Hurt Scholar</i>
2:40 - 2:50 PM	BREAK		
2:50 - 3:10 PM	Ngoc Thach Dang University of Illinois Urbana-Champaign	Radio holography for the Deep Synoptic Array	Stephen Padin <i>Research Professor of Physics</i>
3:10 - 3:30 PM	Andrey Korolev Caltech <i>Chung Ip Wing-Wah Memorial SURF Fellow</i>	A reduced-order thermal model and multi-input controller for the HISPEC spectrograph	Jake Zimmer <i>Electrical Engineer</i>
3:30 - 3:50 PM	Oliver R. Jones Williams College	Optimizing FRB observations with the Deep Synoptic Array	Vikram Ravi <i>Professor of Astronomy</i> Kaitlyn Shin <i>Postdoctoral Scholar Research Associate in Astronomy</i>