

Illinois Astrofest Program - April 22, 2022

Time	Speaker	Title
ORAL SESSION: NCSA Auditorium		
1:00-1:05	Tony Wong	Opening Remarks
1:05-1:30	Rukmani Vijayaraghavan	How federal agencies fund innovation and how you can be involved (Invited)
1:30-1:40	Colin Burke	A Characteristic Optical Variability Timescale in Astrophysical Accretion Disks
1:40-1:50	Rachel Harrison	Protoplanetary Disk Polarization at Multiple Wavelengths: Evidence for Diverse Dust Populations
1:55-2:05	Ian Brunton	Threat Assessment of X-rays from Supernova Explosions
2:05-2:15	Jamila Taaki	Search for exoplanet candidates in TESS data
2:20-2:30	Joaquin Vieira	CAPS: Center for AstroPhysical Surveys
2:30-4:00		POSTER SESSION & REFRESHMENTS (NCSA Lobby)

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Poster Presentations		
1	Nick Conroy (g)	Outreach at the Horizon: Exploring the Past, Present, and Future of Event Horizon Telescope Outreach Endeavors
2	Chris Tandoi (g)	Transient Detection and Classification with the South Pole Telescope
3	Aaron Ouellette (g)	The future evolution of halos in Lambda CDM
4	Nicholas Earl (g)	AT 2020nov: Investigating the Luminous End of a Tidal Disruption Event
5	Ferzem Khan (u)	A simple embedded subgrid model for black hole accretion disks
6	Emma Litzer (u)	Searching for active galactic nuclei in post starburst galaxies
7	Amber Lennox (g)	Mapping E-modes with the South Pole Observatory
8	David Cruz Lopez (u)	Incorporating the Donor Star Response in 1D Simulations of Common Envelope Evolution
9	Sean Lee (u), Rayna Spencer, Paul Ricker	iADD: Illinois Astrophysical Dynamics Demos
10	Alex Green (g)	Local and Global Environmental Effects on Boundedness in LMC Clouds
11	Gabriela Torrini (g)	Selecting Dwarf AGNs in the Dark Energy Survey COSMOS Field with Optical Variability
12	Eli Sofovich (u)	Analyses of Filamentary Structures in the 30 Doradus Star-Forming Region
13	Akshat Tripathi (g)	FIRE Observations of Post-Starburst Galaxies
14	Bhavya Pardasani (u)	Spatially Resolved Properties of Post-starburst Galaxies
15	Ved Shah (u)	Data driven M-dwarf flare model for ELAsTiCc
16	Maya Vira (u)	Variability of Active Galactic Nuclei Light Curves
17	Holly Wingren (u)	Examining Exploding Transients in Spiral Arms and H II Regions
18	Ananay Sethi (u)	Modelling of CO rotation curves of data from the CARMA and ALMA EDGE millimetre-wave surveys
19	Tony Chen (g)	A Close Quasar Pair in a Galaxy Merger at $z= 2.17$
20	Connor O'Mahoney (u)	X-Ray Luminous Supernovae: Ozone Damage and Threat Assessment

Odd numbered posters should be attended from **2:30-3:15 (Session A)**.

Even numbered posters should be attended from **3:15-4:00 (Session B)**.