

THE DEPARTMENT OF PHYSICS  
AT UC MERCED PRESENTS



# 2022 ASTROPHYSICS SYMPOSIUM

8:25 - Opening introductions

8:30-9:00 - Professor Kathryne Daniel (Bryn Mawr)

Talk Title: Resonant Evolution: Reconstructing the dynamical history of the Milky Way

9:00-9:30 - Dr. Noemie Globus (UC Santa Cruz)

Talk Title: The Chiral Puzzle of Life

9:30-10:00 - Dr. Tara Fetherolf (UC Riverside)

Talk Title: Stellar Variability: Star-Planet Connections

10:00-10:15 - Break

10:15-10:45 - Dr. Kris Pardo (Caltech)

Talk Title: Cosmology with Gravitational Wave Data & Gravitational Waves with Cosmology Data

10:45-11:15 - Professor Rodolfo Duran (Sacramento State University)

Title Talk: Understanding astrophysical jets in neutron star mergers

11:15-11:45 - Professor Gabriela Gonzalez (Louisiana State University).

Talk Title: Detecting gravitational waves

**Wednesday, March 30, 2022**

**8:30am - 11:45am**

Join via Zoom at:

[tinyurl.com/Astrophysics2022Symposium](https://tinyurl.com/Astrophysics2022Symposium)

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