



Department of Physics and Astronomy  
FALL 2021 Colloquium Series - Virtual

# “What Do Astronomical Observations Tell Us of Stars and Exoplanets?”

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I will present the work in exoplanets and low-mass stars that my research group and I have been doing with the aim of furthering our understanding of the formation and evolution of stars and their planetary systems. Exoplanets form around their host star and how well we can measure the exoplanet properties depend directly on how well we know the star's. Astronomical observations are how we perceive and learn about the stars and their exoplanets. I will introduce and present our main results in the determination of the fundamental properties of stars in eclipsing binary systems, as well as the recent detections of exoplanetary systems with SAINT-EX, a one-meter telescope installed at San Pedro Mártir, Baja California, México.

**Thursday, Sept. 9, 2021**  
**4:00 - 5:20PM**

Talk will be via Zoom - contact [physics@csus.edu](mailto:physics@csus.edu) for links

*Open & Free to all students, faculty and public*