

WICHITA STATE UNIVERSITY

Physics Seminar Presents Our Speaker:

Dr. John Wisniewski

University of Oklahoma

“Constraining the Formation and Evolution of Extra-solar Planets”

Abstract: Circumstellar disks can provide a useful astrophysical diagnostic of the formation and early evolution of exoplanets. It is commonly believed that young protoplanetary disks serve as the birthplace of planets, while older debris disks can provide insight into the architecture of exoplanetary systems. In this talk, I will discuss how my group has been using studies of circumstellar disks, including time-domain studies, to inform our understanding of planet formation and evolution. I will also discuss current and future work to constrain our understanding of planets via high precision photometry enabled by diffuser-assisted imagers.

Day & time:

Wednesday, March 6, 2019

2:00 p.m., 128 Jabara Hall

Refreshments & Discussion Afterwards

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