

Astrophysics Seminar

Monday April 11, 2016

A NICER View of Spinning Black Holes

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Abstract:

One of the most remarkable properties of an astrophysical black hole is that it can be completely described by just its mass and spin. Knowledge of spin is important for testing models of black hole formation, relativistic jets, GRBs, and more. I will discuss recent work measuring the spins of stellar-mass black holes and discuss a new and forthcoming X-ray mission, NICER, and describe NICER's capabilities for understanding stellar-mass black holes. In particular, for measuring their spins.

3:15 pm

Refreshments
CAS Room 500

3:30 pm

Seminar
CAS Room 502

Next Week

- Justin Finke
*Naval Research
Laboratory*
- TBD

