

# WICHITA STATE UNIVERSITY

*Physics Seminar Presents Our Speaker:*

## **Caleb Gimar**

Wichita State University

Abstract: Our Sun's nuclear furnace remains poorly understood, hidden beneath the Sun's outer layers. This presentation outlines a new solar-orbiting spacecraft concept which could observe solar neutrinos from the core, giving an unprecedented view of the processes within. Following the success of the Parker Solar Probe, this spacecraft could travel very close to the Sun where the neutrino flux is much higher than on Earth. Ofimu