

SEMINAR IN PHYSICS

**Friday, April 26 – 3:30-4:45 – Ross 0220
Refreshments**

Transiting Exoplanets: Can You Image That?

Audrey Wall *

The search for extrasolar planets or exoplanets involves many different kinds of data collection and analysis. Transiting exoplanets can be detected by the light drop as the planets pass in front of their stars, or can they? Follow one Astronomy student's quest to accurately detect one of these elusive planets.

Pascal's Law in Today's Technology

Vlad Gaciu *

Much of today's machinery includes hydraulics, such as automobile brakes, aircraft wings, and cranes; Pascal's Law is what allows for these operations to occur. Pascal's Law is a fact of physics that aids in a practical transfer of energy, whereby smaller forces are effectively multiplied, and can support larger forces.

***Department of Physics, University of Northern Colorado**