

# Physics Department Colloquium

Dr. Morgan Pattison

## Solid State Lighting Services

### The LED Revolution: Science, Technology, and Impacts of LED Lighting

LED lighting is the rare instance of a new energy technology that is fully achieving its promise of energy savings. In addition, LEDs are enabling a new world of engineered lighting that includes improved performance, spectral tunability, Internet-of-Things connectivity, and new applications based on physiological responses to light. As LED technology has progressed and applications are refined, LEDs are providing a window into advanced semiconductor physical phenomenon and enabling new understanding of the science of lighting.

Date: Tuesday, April 4, 2017

Time: 12:30 PM

Where: Science Complex, P-317

