**Idaho State University  
Physics Colloquium**

***The Most Abundant Particle in the Universe is a Shapeshifter***  
  
Dr. Robert Wilson  
Colorado State University  
  
Away from the glare of city lights, our beautifully clear Colorado night skies afford a spectacular view of just a fraction of the billion and billions of stars in the cosmos.  Each one of those stars is pumping out unimaginable numbers of the most abundant known matter particle in the universe – the ghostly neutrino. In this talk I will introduce you to this ubiquitous entity, including some of its more down-to-earth origins. I will also describe how international teams of scientists are studying its shape-shifting quantum properties that might explain how the stars came into being.

**Monday, April 5 2021**  
**Via Zoom(**[**https://isu.zoom.us/j/89760198622**](https://isu.zoom.us/j/89760198622)**)  
4:00 – 4:50 pm**