

**Friday, September 11, 2015**

**4:10 – 5:00 PM**

**EPS103**

**Physics and the Art of Instrument Design: An Inquiry into Creativity  
(with apologies to Robert Pirsig)**

**Dr. Mike Simmonds, Quantum Design**

**Abstract:**

An education in physics usually forms the basis for a career in research, analysis, or teaching. But sometimes it leads elsewhere. I will be discussing, through specific examples and stories, how my background in physics (with a condensed matter specialization) has guided me through a rather long career of design, invention and the creation of corporate wealth. This journey starts with vacuum tube circuits in the early 1960's and winds its way through developing quantum interference devices, designing research instruments and applying cryo-cooler innovations. It has also generated numerous patents, and built several companies.

**Host:**

John Neumeier and Rufus Cone

**\*\*\* Refreshments served in the EPS second floor atrium at 3:45 \*\*\***

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