Physics Colloquium

The Art and Science of Teaching with Technology

Wednesday

October 26

4:00 P.M.

Rm 118 NSH

Refreshments
in Rm 202 NSH
@ 3:30 pm

Dr. Andrew Gavrin

Chair & Associate Professor, Department of Physics, IUPUI

Technology has been portrayed as the savior of education, and as a demon that destroys student learning and faculty time. I consider the former to be unlikely. The later outcomes are possible, but also easily avoided. How is a faculty member to decide whether to adopt a technological solution to a problem she sees in her classes? We will explore this question, and consider general principles for identifying useful technologies. We will discuss some examples of good technologies and methods for using them effectively. Examples will include well-established methods such a "peer Instruction" using personal response systems, and newer ideas such as Course Networking, a social-media platform developed specifically for the educational environment.