



SACRAMENTO STATE

Department of Physics & Astronomy Fall 2009

Physics Colloquium Series

“Using the Arduino Microcontroller in Undergraduate Labs”

The Arduino is an open-source microcontroller system that is relatively easy to use in a broad range of situations. I will be discussing some potential applications of the Arduino as a small ($< 10 \text{ cm}^3$), lightweight ($< 30 \text{ g}$), and cheap ($< \$100$) data logger. In addition to obvious uses of such a device in undergraduate physics lab, there are numerous applications in fields such as biology, geology, and environmental science.

Dr. Eric Ayars

Chico State, Department of Physics

Thursday, October 8, 2009

4:00-5:20 PM - MND 1015

Open & Free to all Students, Faculty & Public