

Modern Physics Experiments

From Simple
to Sophisticated

May 20-21, 2009 • 8:30 a.m. to 4:30 p.m. • Boise State University

For high school Physics
instructors who teach
9th through 12th grade.

This two-day workshop will be from 8:30 am to 4:30 pm, with lunch, and lab supplies included.

Registration Deadline: May 15, 2009

Enrollment limited to 24 high school physics instructors

Registration Cost: \$90 Professional Education Credit cost: \$60 (Optional)

For complete registration
materials contact:

Fabiola Juarez-Coca

Director, Concurrent Enrollment

208-426-2281 or

Email: fjuarez@boisestate.edu

Workshop Sponsored by:

- ◆ Concurrent Enrollment Program
- ◆ Physics Department
- ◆ Division of Extended Studies

Workshop Led by Dr. R. J. Reimann

This two-day workshop will cover a variety of modern physics experiments that can be illustrated very simply and performed with modest equipment that will be given to the participants. Results are refined using more sophisticated apparatus and related to current applications and research.



**TOPICS WILL
INCLUDE:**

- ◆ Electron behavior from sparks to circuits
- ◆ Magnetic forces from dipole interactions to MRI
- ◆ Emission spectra from the sun to the Raman effect
- ◆ Quantum effects from tunneling to STM

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