

**ME DEPARTMENTAL SEMINAR**

**Friday, September 24, 2004**

**1:00pm – 2:00pm**

**2233 GG BROWN**

**Professor John W. Daily  
Mechanical Engineering Department  
University of Colorado at Boulder**

***Bunsen, Armstrong, Air Pollution, Trees and Airplanes***

**Abstract:**

The range of quantum mechanical details of molecular spectroscopy all the way up to new fuel injectors for airplanes is the topic of this talk. I spent time at the University of Heidelberg (Bunsen) working on modeling of laser induced fluorescence of NO, visited the Tour de France (Armstrong), did more work at Sandia National Laboratories (Air Pollution) on NO, investigated biomass gasification at the National Renewable Energy Laboratory (Trees), and did research in Boulder on MEMS based fuel injection devices (Airplanes).