

## **Scott Miers**

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### **Professional Experience**

- Argonne National Laboratory (January 2005 – Present)
  - Internal combustion engine research focusing on efficiency improvement, emissions reduction, and in-cylinder diagnostic techniques for diesel, natural gas, and bio-fuel
  - Familiarity with emissions testing equipment such as a Pierburg AMA 2000 emissions bench, Sierra BG1 micro dilution tunnel, Scanning Mobility Particle Sizer (SMPS), and VisioScope
- Fast Action Support Team (FAST) (1995-1997)
  - Technical support engineer and snowmobile design engineer, providing technical support for all FAST products and snowmobile design.
- Air Conditioning and Controls, Inc (Summer 1993, Summer 1994)

### **Professional Society Activities**

- Active participation in ASME and SAE
- Eight technical papers and four journal papers in SAE and ASME combined.

### **Education**

- PhD, Mechanical Engineering, Michigan Technological University, Houghton MI (2004)
- MS, Engineering Mechanics, Michigan Technological University, Houghton, MI (2001)
- BS, Mechanical Engineering, Michigan Technological University, Houghton, MI (1995)

### **Awards**

- SAE excellence in oral presentation award, 2003
- 1st place Sigma Xi Multi-Disciplinary Student Research Colloquium, 2004
- 2nd place at Society for Experimental Mechanics (SEM) student paper competition (SEM) 9th International Conference, Orlando, FL), 2001
- National Science Foundation (NSF) GK-12 Teaching Fellow Scholarship, 2000