

## A. Jeremy Kropf

Argonne National Laboratory  
Chemical Sciences and Engineering Division  
9700 S. Cass Ave, Building 205  
Argonne, IL 60429-4837  
Phone: (630) 252-9398  
E-mail: [kropf@anl.gov](mailto:kropf@anl.gov)



### Professional Experience

- **1998–Present. Argonne National Laboratory.**  
Physicist in Argonne's heterogeneous catalysis group and CSE division's primary interface to the Materials Research Collaborative Access Team (MRCAT) beamlines at Argonne's Advanced Photon Source. Research interests include using high resolution X-ray emission spectroscopy to study the electronic structure of energy-related materials (such as battery or catalyst materials) in greater detail than is available through traditional X-ray absorption spectroscopy techniques. Other areas of interest are beamline, X-ray optics, and X-ray detector design as well as developing in situ X-ray methods that correlate more closely with laboratory analytical techniques and results.
- **1997–1998. Argonne National Laboratory.** Post-Doctoral Physicist.

### Education

- Ph.D., Physics, University of Notre Dame, Notre Dame, IN, 1997
- B.A., Physics and Mathematics, Goshen College, Goshen, IN, 1991

### Awards and Professional Activities

- Elected Member, APS Users' Organization Steering Committee (2009-present)
- Chair, Imaging and Microbeam Proposal Review Panel, APS (2009-present)
- Member and Guest Reviewer, Imaging and Microbeam Proposal Review Panel, APS (2006-2008)
- Executive Committee Member, Materials Research Collaborative Access Team (MRCAT) (2005-present)
- Secretary, Catalysis Club of Chicago (2005-2007)
- Pacesetter Award, Argonne National Laboratory (2002)
- Member, damping wiggler X-ray absorption spectroscopy beamline advisory team for NSLS-II (2008)
- Member, Local organizing committee for the Tenth International Conference on XAFS, held at the Illinois Institute of Technology (August 10-14, 1998).

### Publications & Patents

- Publications: 60
- Publications (in press) 2009: 1 (1)