



The 5th Advanced Photon Source XAFS School July 6 - 10, 2009

*A Broad Introduction to the
Collection and Analysis of
XAFS Data*

Workshop Location

Argonne National Laboratory
Advanced Photon Source
Argonne, IL 60439

Web Page

<http://xafs.org/Workshops/APS2009>

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Abstract

The 2009 APS XAFS School includes classroom lectures delivered by leading experts in the field, and hands-on instruction in sample preparation, data collection, and data processing and analysis using Feff, Ifeffit and Athena & Artemis.

Participants will collect XAFS data from a variety of samples during two days of beam time at six APS spectroscopy beamlines, then learn to analyze the data during the hands-on data analysis sessions.

Lectures will cover the basic physics of x-ray absorption and XAFS theory, as well as best practices in XAFS sample preparation, data collection, and basic principles of data analysis.

News, updates, and details of the program will be posted on the APS2009 web page.

APS XAFS Schools are open to anyone interested in learning about XAFS and how to incorporate XAFS into their own research program. The curriculum is aimed at the novice to intermediate level practitioner and covers all aspects of XAFS.