ADVANCED PHOTON SOURCE
ARGONNE NATIONAL LABORATORY

Our door is open to experimenters whose research can benefit from the high-brilliance x-ray beams of the Advanced Photon Source

RESEARCH TECHNIQUES AVAILABLE AT THE APS INCLUDE:

Absorption/spectroscopy
Fluorescence spectroscopy
Intensity fluctuation spectroscopy
Photoemission spectroscopy
X-ray absorption fine structure
X-ray magnetic circular dichroism

Diamond-anvil cell
Large-volume press

X-ray absorption fine structure microscopy
Microfluorescence
Microprobe
Phase contrast imaging
Photoemission electron microscopy
Radiography
Tomography

Macromolecular crystallography
Multiwavelength anomalous dispersion

Anomalous and resonant scattering
Coherent x-ray scattering
Diffraction anomalous fine structure
General diffraction
High-energy x-ray scattering
Inelastic scattering
Liquid scattering
Magnetic x-ray scattering

Microdiffraction
Nuclear resonant scattering
Powder diffraction
Reflectivity
Surface diffraction
Time-resolved x-ray scattering
Ultra-small-angle x-ray scattering
Small-angle x-ray scattering
Wide-angle x-ray scattering
X-ray optics development
X-ray detector development

General-user proposals for beam time at the APS from ~May 26, 2004, to ~August 25, 2004, are due by March 17, 2004. Information can be found on the Web at:
http://www.aps.anl.gov/user/beamtime/prop_submission.html
or by contacting Dr. Dennis Mills, DMM@aps.anl.gov, 1-630/252-5680.

Information on research techniques and beamline capabilities at the APS can be found on the Web at:
http://www.aps.anl.gov/user/beamtime/get_beam.html

To receive a .pdf file containing links to information on access to beam time, experimental techniques, beamline specifications, operations schedule, and other Web-based APS information, send an e-mail, with BEAM TIME PDF in the subject line, to:
APSINFO@aps.anl.gov

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