

PNC-CAT
Advanced Photon Source, Argonne National Laboratory
Beamtime Request Form

Period of Run: Oct 5 – Dec. 21, 2004

User Name and Affiliation: _____

Collaborators (include affiliation): _____

Brief Description of Experiment (include energy range and special requirements): _____

Have you also submitted a General User Proposal for this experiment*? _____

Number of Days Requested: ID Line ____ BM Line _____

Minimum number of needed: ID Line ____ BM Line _____

Do you require a special operation mode (i.e. for timing)? If so specify your needs below:

If you list preferred dates below, we will attempt to schedule you on those dates, but you may be assigned any other date during the run that you do not indicate you CANNOT take.

A. Dates you CANNOT take (Include holidays, conferences, family events, etc.)
1.
2.
3.
B. Dates you prefer
1.
2.

See next page for equipment and laboratory space requests.

Deadline to return this information: July 30, 2004

All users should send the completed form to: **Bonnie Meyer,**
email: bsm@aps.anl.gov Fax: (630) 252-0580

Canadian Users requesting a share of Canadian time allocated to the MFA grant should send a copy to:
Daryl Crozier Fax: (604) 291-3592
email: crozier@sfu.ca

Please submit an APS Experiment Safety Approval form **at least two weeks before your beamtime starts.**

*Note: CAT members can now reclaim up to 10% of the ID time and 25% of the BM time via general user proposals.

Equipment and Laboratory Space Needed for Experiments

Equipment	Which Days of Run Needed
NaI detector (scintillator)	
Bent Laue Analyzer (10.5, 13.5, 18.2 keV)	
7-element solid state detector (generally for use on ID line for microprobe)	
13-element solid state detector	
Canberra detector, single-element	
CCD Detector	
Cryostat	
Diffractometer, psi geometry, 8-circle	
Diffractometer, kappa geometry, 4-circle	
K-B mirrors, 2 μ spot*	
K-B mirrors, 5 μ spot*	
Phase plate	
SPEC software	
Other special equipment	
Glove box	

*We will try to accommodate your preference of KB mirrors, but scheduling may preclude your first choice being available.