

**W0366**

**Mail-in Crystallography Program at Brookhaven National Laboratory's NSLS: Update on our Operation.** A. Héroux, A.S. Soares, R.M. Sweet, H. Robinson, Biology Dept., Brookhaven National Laboratory, Upton, NY 11973.

For the last six years, the Macromolecular Crystallography Research Resource (PXRR) has been providing mail-in access to several beamlines at the National Synchrotron Light Source (NSLS) for x-ray diffraction. This program is available at no charge for academic users not only from the US but also from all around the world (<http://px.nsls.bnl.gov>). The use and success of this program has been on a steady rise since its creation. The needs of the "remote" synchrotron users (MAD, SAD, native data collections) are conveyed to our local scientific staff, which becomes their local experimenter. The Mail-in experimenter takes an active role in the design of the experiments in order for them to mature and be fruitful in an accelerated fashion. An update on the achievements of the Mail-in program will bring to light its productivity and how it is accelerating the innovation of new productivity tools, new ways of scheduling and a constant quality control of the beamlines, which benefit users who come to NSLS beamlines as well as those who use the Mail-in Program.

Sponsored by BER, DOE and the National Center for Research Resources of the US Nat, Institutes of Health.