

Mini-workshop on X-ray Beam Monitors

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Brookhaven National Laboratory

The Department of Energy recently approved start of construction for the National Synchrotron Light Source II. The project team is now carrying out detailed engineering designs for many key accelerator and beamline components. The immediate goal for the spring of 2009 is to complete the front-end designs, which, in turn, require the designs of the x-ray beam position monitors to be defined so that any future changes and upgrades can be easily implemented. We may also need to refine a cost estimate and to provide a high level of confidence that the ambitious design goals and anticipated performance parameters can be achieved.

Workshop participants were asked to:

- Present their experiences and outline current performance, problems, solutions, successes and failures
- Share development plans for the future and any opportunities for collaboration
- Comment on the current NSLS-II XBPM plans and make suggestions
- Comment on alternative choices and value engineering