Materials Diffraction Suite
July 18 – 19, 2011

Agenda

Monday, July 18, 2011 – 1:30 pm – 5:30 pm
Chemistry Bldg. 555, Hamilton Seminar Room

1:30 – 2:00 – John Parise- Welcome
Science overview, review of 2008 MaDiS white paper, charge to workshop is to produce a new MaDiS white paper.

2:00 – 2:30 – Eric Dooryhee
Status of XPD beamline, specifications, beamline capabilities at start of operations.

2:30 – 3:00 – Qun Shen
Overview of NSLS-II project, user access policy, various phases of beamlines (project, NEXT, NxtGen, ...).

3:00 – 3:30 – Coffee Break

3:30 – 4:00 – Peter Stephens
Other beamlines beyond the NSLS-II project. Overview of scientific and technical capabilities.

4:00 – 5:30 – Simon Billinge
Open discussion of software needs for the next decade of x-ray scattering and diffraction experiments.

5:30 – 7:00 – Reception
Berkner Hall, Bldg. 488

Tuesday, July 19, 2011, 8:30 am – 03:00 pm
Chemistry Bldg. 555, Hamilton Seminar Room

08:30 – 12:30 (with 30 minute coffee break) – Simon Billinge
The bulk of the day will be given to talks of approximately 20 minutes duration. We are not going to aim for a schedule, but want to make sure to hear from all interested participants. The talks should be based around science that will be enabled all or in part by beamlines associated with materials diffraction, to be built at the NSLS-II. Speakers should be prepared to contribute a couple of paragraphs and some illustrations for the white paper by the time they leave the workshop. Currently confirmed speakers include: Jianming Bai, Yan Gao, Jon Hanson, Jim Kaduk, Larry Margulies, I. Cev. Noyan, Don Weidner, Angus Wilkinson.

12:30 – 01:30 – Lunch

01:30 – 02:30 – Eric Dooryhee
XPD: The First Hundred Days - Discussion of the scientific program at the beginning of XPD beamline operations. What capabilities are required? What experiments play to unique features of XPD? What experiments will be suitable for late-commissioning stage?

Tuesday, July 19, 2011 03:00 pm – 06:00 pm
Berkner Hall, Bldg. 488, Rooms A, B, C or D

02:30 to 03:00 Coffee Break

03:00 to 05:30 – J. Parise, Chair
Several working groups will be formed to prepare draft contents of white paper.

05:30 – 06:00
Open summary discussion and review of tasks for assembling white paper.

06:00 Workshop Closes