

From: "Brian H. Toby" <brian.toby@anl.gov>
Subject: **Beamline Advisory Group: 1-ID upgrade**
Date: August 5, 2009 4:47:58 PM CDT
To: James A Kaduk <kaduk@earthlink.net>, John Mitchell <mitchell@anl.gov>, "Angus P. Wilkinson" <angus.wilkinson@chemistry.gatech.edu>
Cc: George Srajer <srajerg@aps.anl.gov>
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Jim, John & Angus,

Due to the large amount of detector funding that the APS has gotten from ARRA, XSD is reprogramming some capital money to other projects. There is now a possibility to continue the 1-ID upgrade with construction of a new hutch, if we can convince APS management that this is a high priority and is in accord with the goals of the user community. A description of the proposed upgrade is attached. This upgrade is mostly oriented towards improving the materials diffraction capabilities of the beamline by providing Ulrich and Jon with dedicated space for permanent setup of their experiments, but would also have some advantages for the structural program, in that it would provide room for a dedicated diffractometer in 1-ID-B, in space currently used for HEDM.

Most of the discussion on this is taking place in the HE Materials Diffraction BAG, since this is primarily their bailiwick. It appears they are ready to give it a strong letter of support, but I want to advise you of this plan and give you a chance to ask questions or comment on the plan. Please get back to me if you would like further involvement or discussion of this proposal.

Brian

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"We will restore science to its rightful place, and wield technology's wonders... We will harness the sun and the winds and the soil to fuel our cars and run our factories... All this we can do. All this we will do."



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