Beams and Applications Seminar Series

This ANL seminar series focuses on the physics, technology and applications of particle and photon beams. It is sponsored jointly by the ASD Division, the AWA group of the HEP Division, and the ATLAS group of the PHY Division

Bldg. 401, room B2100
Friday, November 17
1:30 PM

Lisa Keefe
IIT/IMCA-CAT

Pharmaceutical Macromolecular Crystallography at the APS

Host: K. Harkay

The Industrial Macromolecular Crystallography Association (IMCA) is a consortium of twelve pharmaceutical and consumer-product companies (Abbott, Bristol-Myers Squibb, GlaxoWellcome, Eli Lilly, Merck, Monsanto, Parke-Davis, Pharmacia & Upjohn, Procter & Gamble, Schering-Plough, SmithKline Beecham, and 3-Dimensional Pharmaceuticals) that use macromolecular crystallography as a tool in drug discovery. The IMCA-CAT beamlines are used to determine the atomic structure of proteins that are involved in various diseases (such HIV infection, diabetes, clotting diseases, pain management, and cancer) and inhibitors of these proteins that may be potential therapeutics for these diseases.

For more information visit

http://www.aps.anl.gov/asd/physics/seminar.html

Visitors from off-site please contact Debbie Briddick
(briddick@aps.anl.gov, 630-252-6620)
to arrange for a gate pass.