

Inelastic X-Ray Scattering

Argonne National Laboratory • Argonne, Illinois, USA
September 19-24, 2004

The previous international conferences on inelastic x-ray scattering were held in Krakow, Poland (1993), Tokyo, Japan (1995), Montauk, NY (USA) 1998, and Haikko, Finland (2001). This conference will be held at the site of Advanced Photon Source, Argonne, Illinois, located 30 miles southwest of Chicago, Illinois, USA.

The topics to be discussed in this conference include:

- Collective excitations of atoms, molecules and ions in liquids and solids
- Electronic excitations in correlated electron systems
- Nuclear resonant inelastic x-ray scattering
- Theoretical methods applicable to inelastic x-ray scattering
- Applications in chemistry, biophysics, geophysics, liquid and solid state physics
- Instrumentation and experimental techniques

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