

WORKSHOP 3: ENVIRONMENTAL SCIENCE

Paul Fenter, organizer

Tuesday, October 9, 2001
8:30 am–Noon & 1:30–5:00 pm

Many of the technical challenges that are inherent to advances in environmental science are ideally addressed by the unique properties of third-generation x-ray synchrotron sources. This workshop highlights recent developments spanning a diverse range of environmental phenomena (e.g., mineral-water interface structure and reactivity, actinide chemistry, groundwater contaminants, biogeochemistry, etc.) through direct structural and spectroscopic measurements at the APS. Presentations will reveal many of the interrelationships between these complex phenomena and the technical advances that make these measurements possible.