

**Home****Introduction**

[Introduction by the Chairman](#)

[Users' Executive Committee Report](#)

**Science Highlights**

[Feature Highlights](#)

[Chemical Sciences](#)

[Condensed Matter Physics](#)

[Geology and Environmental Sciences](#)

[Life Sciences](#)

[Soft Condensed Matter and Biophysics](#)

**Year in Review****NSLS Organization**

[Organization Chart](#)

[Advisory Committees](#)

**Facility Report**

[Accelerator Division Report](#)

[Operations and Engineering Division Report](#)

[User Science Division Report](#)

[User Administration Report](#)

[Safety Report](#)

[Building Administration Report](#)

**Facts and Figures**

[Beamline Guide](#)

[Linac and Booster Parameters](#)

[VUV Storage Ring Parameters](#)

[X-Ray Storage Ring Parameters](#)

[2004 Ring Performance and Usage](#)

**Publications**

[NSLS Users](#)

[NSLS Staff](#)

**Geology and Environmental Sciences**

[Time-Resolved Diffraction Studies of Ion Exchange:  \$K^+\$  and  \$Na^+\$  Exchange into Synthetic Aluminogermanate Molecular Sieve with the Gismondine Topology](#)

A.J. Celestian, J.B. Parise, C. Goodell, A. Tripathi, and J. Hanson

[Localization and Speciation of Chromium in Subterranean Clover Using XRF, XANES, and EPR Spectroscopy](#)

J.A. Howe, R.H. Loeppert, V.J. DeRose, D.B. Hunter, and P.M. Bertsch

[Quantifying Hazardous Species in Particulate Matter Derived from Fossil-Fuel Combustion](#)

F.E. Huggins, G.P. Huffman, W.P. Linak, and C.A. Miller

[Arsenic Speciation and Reactivity in Poultry Litter](#)

Y. Arai, A. Lanzirotti, S. Sutton, J.A. Davis, and D.L. Sparks

[Natural Occurrence and Synthesis of Two New Post-Spinel Polymorphs of Chromite](#)

M. Chen, J. Shu, H-k. Mao, X. Xie, and R.J. Hemley

[The Origin of Organic Matter in the Solar System: Evidence from the Interplanetary Dust Particles](#)

G.J. Flynn, L.P. Keller, M. Feser, S. Wirick, and C. Jacobsen

