

SLIS Faculty News

"Information Science and Technology" Conference - Los Alamos



SLIS faculty member **Katy Börner** has been invited to speak at the **28th Annual Conference of the Center for Nonlinear Studies (CNLS)** at Los Alamos National Laboratory, held in Santa Fe, New Mexico, May 12-16, 2008. This year's conference is entitled "Information Science and Technology (IS&T)."

Börner's talk, "Science Maps in Action," will feature work that she has conducted as director of the **Information Visualization Lab** and the Cyberinfrastructure for Network Science Center at Indiana University. For related work of B?r's in the area of science information visualization, see the **Places & Spaces: Mapping Science website**.

From the Invitation

"For the Annual Conference, CNLS has often focused on exciting, emerging, and interdisciplinary fields of science. This year's conference centers on the study of information science and technology, undoubtedly a cornerstone of scientific advances in the 21st century. These advances will produce quantitative measurements in systems that could previously only be studied qualitatively. Furthermore, the size of datasets in scientific, commercial, and government applications will continue to grow exponentially, in some cases reaching petabyte and exabyte scales. This shift from hypothesis-driven to data-driven science is creating opportunities to accelerate discoveries in science and technology and to apply these discoveries to problems of national and global importance. The 28th CNLS Annual Conference will bring together experts from a variety of disciplines which impact information science and technology. Specific areas will include information theory, machine learning, massive datasets, quantitative finance, bioinformatics, astroinformatics, statistics, neurocomputing, and image analysis."

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