SLIS Events News

NetSci and InfoVis Research Presented in Norwich and London

Russell Duhon will travel to England to present a workshop, two talks, and a tutorial (June 21 through July 12, 2008). Duhon is a Senior Software Developer, with the **Cyberinfracstructure for Network Science Center**. SLIS faculty member **Katy Börner** is the Director of the Center.

NetSci'08
NetSci 2008 is the fifth International Workshop and Conference on Network Science. Katy BÃ¶rner's research teams have been actively involved, and she has been a co-organizer of several of the conferences in the past. The conference was held at **Indiana University** in 2006, and at the **New York Hall of Science** in 2007. This year's event will be in Norwich, U.K.

Duhon will present a workshop/tutorial on the **Network Workbench** research on June 24, 2008, then will participate in other aspects of the conference.

IV'08
The 12th International Conference on Information Visualization will be held in London, England on July 8-12, 2008. Duhon will present a workshop/tutorial, and two papers. He will also work with **Michael Batty's research group** at the Centre for Advanced Spatial Analysis, University College London - on possibilities of future collaboration.

Workshop Abstract: "Networks are all around us! This includes social networks, internet networks, biological networks, paper citation networks, and more. As these networks become more important in our daily lives the ability to understand their behavior will be more and more necessary. The Network Workbench (http://nwb.slis.indiana.edu) was designed to aid in exploring and understanding these networks. In this tutorial we will introduce the Network Workbench and demonstrate how to use it to analyze and visualize your own networks." [**page 7, program**]

Paper Abstract:

113 Years of Physical Review: Using Flow Maps to Show Temporal and Topical Citation Patterns - by Bruce W. Herr II, Russell J. Duhon, Katy Börner, Elisha F. Hardy, Shashikant Penumarthy, Cyberinfrastructure for Network Science Center School of Library and Information Science, Indiana University "We visualize 113 years of bibliographic data from the American Physical Society. The 389,899 documents are laid out in a two dimensional time-topic reference system. The citations from 2005 papers are overlaid as flow maps from each topic to the papers referenced by papers in the topic making intercitation patterns between topic areas visible. Paper locations of Nobel Prize predictions and winners are marked."

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