

InfoVis Lab Team



Bruce



Colin



Elijah



Elisha



Gavin



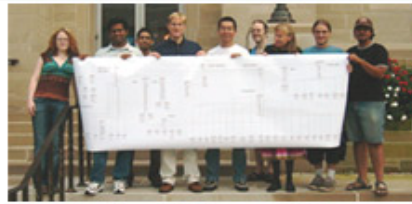
Katy



Ketan



Peter



InfoVis Lab Open House

Oct 3rd 2005, 4:00pm-6:00pm

At the Lilly Library, Indiana University

Bloomington, IN



Mapping Sciences

Katy Börner & Deborah MacPherson
Places & Spaces: A Science Exhibit

<http://vw.indiana.edu/places&spaces/>

Marco Janssen, Michael Schoon, Weimao Ke & Katy Börner
Literature Analysis on Resilience, Vulnerability and Adaptation
Submitted to Global Environmental Change, Special Issue on Resilience, Vulnerability and Adaptation.

Colin Murray, Weimao Ke, Hana Milanov, Mark Meiss, Sharavan Rajagopal & Katy Börner (2005)

Geographical Visualization of Technology Data in the US

IEEE InfoVis 2005 Contest Paper.

<http://iv.slis.indiana.edu/ref/iv05contest/>

Kevin W. Boyack, R. Klavans & Katy Börner (2005)

Mapping the Backbone of Science

Scientometrics. 64(3), 351-374.

[Download PDF](#)

Katy Börner, Luca Dall'Asta, Weimao Ke & Alessandro Vespignani (April 2005)

Studying the Emerging Global Brain: Analyzing and Visualizing the Impact of Co-Authorship Teams

Complexity, special issue on Understanding Complex Systems, 10(4): pp.

58-67. Also available as [cond-mat/0502147](#).

[Download PDF](#)

Peter A. Hook & Katy Börner (in press)

Educational Knowledge Domain Visualizations: Tools to Navigate, Understand, and Internalize the Structure of Scholarly Knowledge and Expertise

In Amanda Spink and Charles Cole (eds.) New Directions in Cognitive Information Retrieval. Springer-Verlag.

[Download PDF](#)

Terry J. Ord, Emília P. Martins, Sidharth Thakur, Ketan K. Mane & Katy Börner (2005)

Trends in Animal Behaviour Research (1968-2002) Ethoinformatics and Mining Library Databases

Animal Behaviour, 69, 1399-1413.

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[Supplemental Material](#)

Ketan K. Mane & Katy Börner (in press)

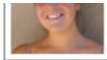
SRS Browser: A Visual Interface to the Sequence Retrieval System

Accepted for SPIE Conference on Visualization and Data Analysis, San Jose, CA, Jan 15-19, 2006.

Analysis And Visualization of Diffusion Patterns

Katy Börner & Shashikant Penumathy (2005)

Spatio-Temporal Information Production and Consumption



Rebecca



Shashi



Shravan



Todd



Weimao

Spatial-Temporal Information Production and Consumption of Major U.S. Research Institutions

In: P. Ingwersen & B. Larsen (Eds.), Proceedings of ISSI 2005. Stockholm: Karolinska University Press. Vol. 1, pp. 635-641.

[Download PDF](#)

Katy Börner & Shashikant Penumarthy (in press)

Analysis and Visualization of Social Diffusion Patterns in 3D Virtual Worlds

In Ralph Schroeder & Ann-Sofie Axelsson (ed.) Avatars at Work and Play: Collaboration and Interaction in Shared Virtual Environments. Springer Verlag.

[Download PDF](#)

Infrastructure Development

Katy Börner (in press)

Semantic Association Networks: Using Semantic Web Technology to Improve Scholarly Knowledge and Expertise Management

In Vladimir Geroimenko & Chaomei Chen (eds.) Visualizing the Semantic Web, Springer Verlag, 2nd Edition, chapter 11.

[Download PDF](#)

Shashikant Penumarthy, Katy Börner & Bruce Herr

Information Visualization Cyberinfrastructure Software Framework

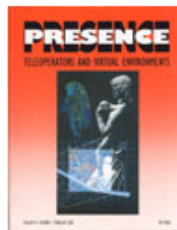
<http://iv.slis.indiana.edu/sw>

Gavin La Rowe, Weimao Ke & Katy Börner

The IVC Database: Integrating Scholarly Knowledge in the English Speaking, Digital Domain

<http://iv.slis.indiana.edu/db/>

Edited Journals



Chaomei Chen, Katy Börner & Raquel Navarro-Prieto (Feb 2005)

PRESENCE: Teleoperators and Virtual Environments. Special Issue on Collaborative Information Visualization Environments, 14(1).

[Journal Link](#)



Katy Börner and Javed Mostafa (2005)

International Journal on Digital Libraries. Special Issue on Information Visualization Interfaces for Retrieval and Analysis. Springer-Verlag, 5(1).

[Journal Link](#)

All InfoVis Lab Open Houses

2005: <http://ella.slis.indiana.edu/~katy/gallery/05-openhouse/>

2004: <http://ella.slis.indiana.edu/~katy/gallery/04-openhouse/>

2003: <http://ella.slis.indiana.edu/~katy/gallery/03-openhouse/>

Designed by: Elisha Hardy, Shravan Rajagopal & Katy Börner

Last Modified: September 16th, 2005