Brief Bio and (PR)^2: Problems & Pitches – Raves & Rants by \{insert author name\}

Biography (about 250 words)

Bruce Herr is a CS graduate from Indiana University working in Katy Börner's Information Visualization Lab as a software developer. He enjoys making cool, extensible, usable, and maintainable software. His current projects are the Cyberinfrastructure Shell (CIShell), TaxonomyValidator, InfoVis Cyberinfrastructure, Network Workbench, and SciMaps.org. Notable visualizations he has helped produce are the Internet Movie Database visualization for the Viszards contest at Sunbelt 2006 and the US Patent Hierarchy visualization for the second iteration of Places & Spaces. His personal website is at http://bh2.net.

General Questions

What is your main interest in attending the workshop?
To prepare, come up with ideas, and create collaborations for the third iteration of Places & Spaces.

What is your main interest in 'mapping science' or ‘forecasting science’?
To make large scale, useful visualizations

What is the best static visualization of dynamic phenomena, e.g., growth or diffusion processes, you have ever seen? Examples could come from science, art, or any other field of human endeavor.
Weather forecast imagery while very common seems to be effective.

Questions for Map Makers

Please provide higher resolution images, a brief description, and if available citation references for up to three science maps you have created and are most proud of. Use one page per map.

Internet Movie Database visualization for the Viszards contest at Sunbelt 2006
the US Patent Hierarchy visualization for the second iteration of Places & Spaces

What opportunities / solutions do maps / forecasts of science offer for what stakeholders?
This promises to give a a high level overview of a subject that is easily conveyable to audiences.

What main challenges do you foresee for designing effective maps of science or science forecasts?
Making metaphors on a 2d (or 3d) plane that actually makes sense to the multi-dimensional underlying data and doesn’t give false readings.

Please send the completed document by Thursday October 19th, 2006
to Katy Borner <katy@indiana.edu> and Elisha Hardy <efhardy@indiana.edu>