Brief Bio and $(PR)^2$: Problems & Pitches – Rants & Raves by *Bongshin Lee*

Self Introduction

Bongshin Lee is a researcher in the Visualization and Interaction Research (VIBE) group at Microsoft Research. Her main research interest is human-computer interaction with a focus on information visualization and interaction techniques. She is also interested in developing interfaces for mobile devices. Her PhD work was centered on investigating how people interact with graph visualization systems to understand the large graph. She is currently focusing on understanding and visualizing uncertainty in data. She received her Bachelor of Science in Computer Science from Yonsei University in Seoul, Korea. After spending a few years at industry, she came to the states to pursue a Ph.D. Bongshin earned her Master of Science and Ph.D. in Computer Science from University of Maryland at College Park in 2002 and 2006, respectively.

- **Publications**:
  - Lee, B., Robertson, G.G., Czerwinski, M., Parr, C.S. (2007) CandidTree: Visualizing Structural Uncertainty in Similar Hierarchies, Information Visualization, Vol. 6, pp. 233-246.
  - Kang, H., Plaisant, C., Lee, B., Bederson, B.B. (2007) NetLens: Iterative Exploration of Content-Actor Network Data, Information Visualization Special Issue on Visual Analytics, Vol. 6, pp. 18-31. (Extended version of the VAST paper)
  - Lee, B., Parr, C.S., Plaisant, C., Bederson, B.B., Veksler, V.D., Gray, W.D., Kotfila, C. (2006) TreePlus: Interactive Exploration of Networks with Enhanced Tree Layouts, IEEE TVCG Special Issue on Visual Analytics, Vol. 12, No. 6, pp. 1414-1426.
  - Lee, B., Czerwinski, M., Robertson, G., Bederson, B.B. (2005) Understanding Research Trends in Conferences using PaperLens, Extended Abstracts of CHI 2005, pp. 1969-1972.
  - Parr, C.S., Lee, B., Campbell, D., Bederson, B.B. (2004) Visualizations for Taxonomic and Phylogenetic Trees, Bioinformatics, Vol. 20, No. 17, pp. 2997-3004.

http://research.microsoft.com/~bongshin
http://bioinformatics.cnmcresearch.org/GOTreePlus

General Questions

1) What is (are) your main interest(s) in attending the workshop?
   See the answer for #4.

2) What information/knowledge management expertise do you have?
   I've been designing, developing, and evaluating several information visualization systems to help users better understand their data.

3) What is the most insightful visualization of static or dynamic phenomena you know?
   TreeJuxtaposer: a visualization that enables biologists to compare two large phylogenic trees by using paired tree views side-by-side and highlighting where the differences are in two trees.

4) What would you like to learn / achieve at the workshop?
   I would like to learn what the main user requirements are in information management. I also want to know what kinds of good tools are currently available. Finally, I want to discuss what the main challenges are and how we could tackle them.