

Computer Science Seminar Series, 2011

National Capital Region

Interactive Visual Analysis

Speaker: Prof. Dong Hyun Jeong
Department of Computer Science & IT
University of the District of Columbia

Friday, April 22, 2011
1:00PM-2:00PM, NVC 325

Abstract

Visual Analytics is known as an important research area focusing on data analysis through visualization techniques. Specifically, in Visual Analytics, interaction is regarded as a key component that supports users interactively analyzing represented complex data. To accomplish and support complex data analysis through interactive visualization techniques, understanding the role of interaction will be an important research topic that is somewhat connected to other research domains including Cognitive Science, Human-Computer Interaction, Psychology, etc.

Dr. Jeong is going to present his researches to accomplish interactive Visual Analytics including design concerns, roles of interaction, cognitive understanding, and perception.

Biography

Dr. Dong Hyun Jeong is an Assistant Professor in the Department of Computer Science and Information Technology at the University of the District of Columbia, Washington, D.C. He received PhD from the Computer Science Department at the University of the North Carolina at Charlotte. He is a deputy director of NSF-sponsored ARCTIC (Assurance Research Center for Trusted Information Computing). He is a member of ACM, IEEE, and IEEE computer society. His research areas include Information Visualization, Visual Analytics, HCI (Human Computer Interaction), and Virtual Reality.