

可视化学术讲座 2019-1

DESIGN OF VISUAL ANALYTICS SYSTEMS: AN INTERACTION DESIGN PERSPECTIVE

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2:00PM-3:00PM

地点：理科一号楼1131



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Visual analytics systems are fundamentally interactive systems; thus, developing visual analytics systems must consider interaction design. In this talk, I will introduce an approach to understanding different types of interaction design from the aspect of research paradigm, present some challenges of interaction design in visual analytics systems, and discuss relevant research methods that can potentially address these challenges. This talk is expected to help researchers in the community of visualization and visual analytics better understand interaction design and ways to address interaction design challenges in the design of visual analytics systems.

Dr. Xiaolong Zhang is an associate professor at the College of Information Sciences and Technology, Pennsylvania State University, University Park. His research interests include information visualization, visual analytics, gesture-based user interaction, social network analysis, and collaboration system design. Dr. Zhang is a member of the Special Interest Group (SIG) of Visualization and Visual Analytics, China Society of Image and Graphics, and a member of the Human-Computer Interaction SIG, China Computer Federation. He obtained his bachelor's and master's degree from Tsinghua University, China, and his Ph.D. from the University of Michigan, Ann Arbor.

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