

Workshop on Data mining meets Visual Analytics at big data era (DAVA'15)

Hanghang Tong, Lei Shi, Cody Dunne, Charu Aggarwal

Room Lincoln, Bally's Atlantic City Hotel, 2:00pm~5:30pm, Nov. 14, 2015

The world is awash with big data now – we are generating ten exabytes of data in a variety of different forms every day. In this wave, there is a trend to integrate the data mining methods with interactive visualizations to advance the so-called visual analytics (VA) technology. Various aspects of the data mining method need to be inspected, justified, organized and evaluated for a successful VA system. This workshop will bring together interdisciplinary researchers from academy, labs and practice to share, exchange, learn, develop preliminary results, new concepts and methodologies in applying data mining method to help advance the VA technology.

2:00 - 3:30	Keynote Talk Session 1 (Chair: Hanghang Tong) Visual and User Centered Algorithm Design <i>Stephen North</i> Visual Data Science for Urban Data <i>Claudio T. Silva</i>
3:30 - 3:45	DAVA Paper Session 1 (Chair: Hanghang Tong) Block-Organized Topology Visualization for Visual Exploration of Signed Networks <i>Xianlin Hu, Leting Wu, Aidong Lu, Xintao Wu</i>
3:45 - 4:00	Coffee break
4:00 - 4:45	Keynote Talk 2 (Chair: Lei Shi) Metric Embedding for Large Graphs <i>Yifan Hu</i>
4:45 - 5:30	DAVA Paper Session 2 (Chair: Lei Shi) Multi-Sensor Visual Analytics supported by Machine-learning Models <i>Geetika Sharma, Gautam Shroff, Aditeya Pandey, Brijendra Singh, Gunjan Sehgal, Kaushal Paneri, Puneet Agarwal</i> Visual opinion analysis of threaded discussions <i>Yang Chen</i> Fun in The Philippines: Automatic Identification and Sentiment Analysis of Tourism-related Tweets <i>Kurt Junshean Espinosa, Julia Menchavez</i> OLAP Visual Analytics on Large Software Call Graphs with Hierarchical ChordMap <i>Le Wang, Jiangtao Gong, Lei Shi</i> DAVA Best Paper Award Ceremony and Closing