

THE FIELDS INSTITUTE FOR RESEARCH IN MATHEMATICAL SCIENCES

Thematic Program on Statistical Inference, Learning, and Models for Big Data, January to June, 2015

February 23 – 27, 2015

Workshop on Visualization for Big Data: Strategies and Principles

Organizing Committee

Nancy Reid (Chair), Susan Holmes
Snehelata Huzurbazar, Hadley Wickham
Leland Wilkinson



On-line Registration open to February 15. On-site registration available during workshop. Registration fees: \$150, students and PDF: \$50 Application for Participant support: Deadline to apply February 15, 2015	List of Participants	Reimbursement information for funded participants
	Accommodation in Toronto	Information for speakers
		Back to main index

Program

Schedule



Monday February 23	
8:00	Coffee and Registration
9:15-9:30	Nancy Reid: Welcome (SLIDES)
9:30-10:30	Hadley Wickham, R Studio (SLIDES) <i># Pipelines for big data</i>
10:30-11:00	Coffee
11:00-12:00	Mariah Hamel, Plotly Inc.
12:00-2:00	Lunch
2:00-3:00	Ramnath Vaidyanathan, McGill <i>Interactive Visualizations from R</i>
3:00-3:30	Tea
3:30-4:30	Jenny Bryan, University of British Columbia (SLIDES) <i>New tools and workflows for data analysis</i>
4:30	Cash bar reception
Tuesday February 24	
9:30-10:30	Susan Holmes, Stanford University <i>Transformations before Visualization of Heterogeneous Data</i>
10:30-11:00	Coffee break
11:00-12:00	Dianne Cook, Iowa State University (Presented by Andee Kaplan, Samantha Tyner, Carson Sievert, Xiaoyue Cheng, Barret Schloerke) <i>A Kaleidoscope of Statistical Graphics Research Projects</i>
12:00-2:00	Lunch break
2:00-3:00	Michael Friendly, York University <i>Big Data and Big Questions: Vignettes and lessons from the history of data visualization</i>
3:00-3:30	Tea break
3:30-4:30	Ta Chiraphadhanakul, Facebook Inc. <i>Visualizing Big Data at Facebook</i>
Wednesday February 25	
9:30-10:30	Sheelagh Carpendale, University of Calgary <i>Information Visualization: Exploring New Options</i>
10:30-11:00	Coffee break
11:00-12:00	Ekaterina Smirnova, University of Wyoming <i>Visualization of Multidimensional Data with Different Structures</i>
12:00-2:00	Lunch break
2:00-3:00	Christopher Collins, University of Ontario Institute of Technology (SLIDES) <i>Semantics and Sentiment in Visual Text Analytics</i>
3:00-3:30	Tea break
4:30	Blyth Lecture Series 2015 David Donoho, Stanford University Public Lecture: <i>What's the Big Deal about "Big Data"? Emergent Phenomena in High-Dimensional Data Analysis</i>
*BA1130	This event takes place at BA1130 (Bahen Center). Reception will precede the talk at 3:30 p.m. in the Department of Mathematics lounge (40 St. George St., 6th floor.)
Thursday February 26	
9:30-10:30	Katy Börner, Indiana University (SLIDES) <i>Envisioning Science, Technology, and Innovation</i>
10:30-11:00	Coffee break
11:00-12:00	Bowei Xi, Purdue University <i>Divide and Recombine (D&R) for Larger and More Complex Data</i>
12:00-1:30	Lunch
1:30-2:30	Alex Goncalves, Columbia University (SLIDES) <i>New Trends in Data Visualization and Journalism</i>
2:30-3:30	Remco Chang, Tufts University <i>Big Data Visual Analytics: A User-Centric Approach</i>
3:30-4:00	Tea break
4:10	Blyth Lecture Series 2015 David Donoho, Stanford University Lecture II (Fields Institute Room 230)
Friday February 27	
3:10	Note: Blyth Lecture Series 2015 David Donoho, Stanford University Lecture III (Fields Institute Room 230)

[Back to top](#)