

Understanding Spatial Data (Big and Small) with Visual Analytics

SpatialVA2016, a workshop at the GIScience 2016 conference

Montréal, 27 Sept 2016

Venue: Marriott Chateau Champlain Hotel - Maisonneuve B

9:00-9:10	Opening (<i>Urška Demšar</i>)
9:10-10:00	Session 1: Keynote Address Prof Sheelagh Carpendale <i>Chair: Urška Demšar</i> Manipulating Space to Create Thinking Tools
10:00-10:30	Coffee break
10:30-12:10	Session 2: Visual Movement Analytics <i>Chair: Urška Demšar</i> <ul style="list-style-type: none">Jukka Krisp, Hao Lyu and Iveta Lazarova: <i>Directed kernel density estimation (DKDE) as a tool for visual analysis of pedestrian movement</i>Yanan Xin, Mark Simpson, Ying Xu, Feng Sun, Fridolin Linder, Xi Liu, Alexander Savelyev and Alan MacEachren: <i>Movers: Exploring Refugee Movement with Social Media Data</i>Kristien Ooms: <i>Using Visual Analytics to Explore and Analyze User Data in Mixed Methods Setting</i>Katerina Vrotsou, Georg Fuchs, Natalia Andrienko and Gennady Andrienko: <i>An Interactive Approach for Exploration of Flows through Direction-Based Filtering</i> (remote presentation via skype)
12:10-12:20	ICA Commission on Visual Analytics: 2017 activities (<i>Anthony Robinson</i>)
12:20-13:25	Lunch
13:25-14:15	Session 3: Keynote Address Prof Alan MacEachren <i>Chair: Anthony Robinson</i> Making Space for Place in Spatial Visual Analytics
14:15-15:05	Session 4: Interfaces and Scale <i>Chair: Jukka Krisp</i> <ul style="list-style-type: none">Paulo Raposo and Anthony Robinson: <i>Representing Spatio-Temporal Events Across Scales</i>Mark Simpson, Gregory Garner, Jan Oliver Wallgrün, Klaus Keller, Danielle Oprean, Saraubh Bansal and Alexander Klippel: <i>Immersive Visual Analytics for Integrated Assessment Models of Climate Change</i>
15:05-15:30	Coffee Break
15:30-16:20	Session 5: Big Data and Applications <i>Chair: Anthony Robinson</i> <ul style="list-style-type: none">Jonathan Engélinus and Thierry Badard: <i>Towards a Real-Time Thematic Mapping System for Streaming Big Data</i>Brian Tomaszewski, Kenneth Tomaszewski, Jeannette Forbes, Jacob Hartz, Andrew Heintz, Nicholas Womble, Aurko Mallik and Varun Bhatia: <i>Displacement and Visual Analytics: Case Studies and Applications</i>
16:20-16:30	Closing Remarks (<i>Anthony Robinson</i>)