iCity-ORF: Urban Informatics for Sustainable Metropolitan Growth
4th Annual Research Day, May 31, 2019
University of Toronto, 35 St. George Street, Galbraith Building, GB202

10:00 Welcome
Eric Miller, iCity-ORF Principal Investigator

10:15 Layering ontologies, taxonomies, platforms and visualization
4x20 min
- A linked data repository for transportation data, Megan Katsumi
- iCity - ITSoS integrative platform, Hasan Bayanouni
- Using R to explore data wrangling protocols in mapping applications, Greice Mariano
- Animating TTS data using Kepler GL, Orlando Bascunan

11:45 Measuring, modelling and managing
- KidScore: Child-friendly cities and place-based well-being, Susie Saliola and Josh Fullan
- Development of a functional ArcGIS Pro add-in for customizable OD Matrix output visualizations, Hossein Hosseini, Michael Luubert, Brent Hall and Jon Salter

12:30 Lunch

1:15 Research Café
Choose 3 from among the 8 presentations
3x25 min
- Assessment of urban environments with youth ratings collected via Survey 123 and ArcGIS Online
- Complete street 3D scenario visualizations and supporting dashboard
- Visualizing TASHA OD Matrix patterns with ArcGIS Pro
- Visualizing qualitative analytics into transportation planning and placemaking
- iCity-ITSoS: How to integrate applications and data
- Parking policies in the era of autonomous vehicles
- Long-term travel demand and land value developments in the GTHA
- Improved transit route operations through signal priority and bus bridging decision support

2:45 Kickstart ideas for iCity 2.0
- Brainstorming roundtables on iCity 2.0 next steps
- Presentations back

3:45 Closing comments
Judy Farvolden, iCity-ORF Project Manager

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