International Workshop on Urban Data Science

July 24th and 25th , 2017

Jointly hosted by

R·I·T
ROCHESTER INSTITUTE OF TECHNOLOGY

IIT, Madras
Indian Institute of Technology

Workshop Goals

I. **Focus next phase of "urban data science" research and innovations**

- Promise of *Open Data Sets and Open Government* (circa ~2008-10). Are there lessons learned ?
- Continuous technological innovations spurring new methods and platforms (maturation of key enabling technologies e.g. cloud, IoT, and data analytics)
- Evolving landscape of user expectation from the pervasive use of handheld technology and its power – opportunity for advance apps, and urban sensors

Workshop Goals (Cont.)

II. Focus on "midsize cities"

- Initial wave of innovations primarily concentrated on megacities and its urban challenge (NYC, Chicago, San Francisco, etc.)
- Mid-sized cities at scale present equally compelling urban challenge (Rochester, Cleveland, Detroit, etc.)
  - Are there technologies and lessons learned in context of megacities that can be scaled down to midsize cities? Or fundamentally different approaches?

Workshop Goals (Cont.)

III. Provide a forum for conversations amongst academia, industry, and cities on the promise of urban data science

- Deliberately smaller sized workshop to enable open conversations and networking opportunities
- Panel style Q/A after each session

Participate in (two) Roundtables to discuss and brainstorm ideas to address "challenge questions" and share with the group

Workshop Goals (Cont…)

IV. Formation of a community focused on innovations in urban data science

- Ideas…
  - Create an online presence (Slack community or other online community platforms ?) – share success stories, lessons learned, best practices, challenges, etc.
  - Co-locate future workshop(s) with an established "smart city" conference – IEEE Smart City Conference or other alternates (TBD)
- **Launch an independent international conference by 2019-20?**