MetroLab Network 2017 Annual Summit

Atlanta, GA | December 13-14 | Hosted by Georgia Tech and the City of Atlanta

www.metrolabnetwork.org/annual-summit

Tuesday, December 12	Wednesday, December 13	Thursday, December 14
7:00 pm to 9:00 pm Welcome Reception at Ri Ra Irish Pub	*8:00 am to 5:15 pm* Conference at Georgia Tech Historic Academy of Medicine	*8:00 am – 1:00 pm* Conference at Georgia Tech Historic Academy of Medicine
	6:00 pm to 8:00 pm Reception at The Fernbank Museum	*1:00 pm - 5:00 pm* Conference at Renaissance Atlanta Midtown

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Wednesday, December 13th – Historic Academy of Medicine

8:00 AM	Registration, Light Breakfast
8:30 AM	Welcome - *Dr. Stephen Cross, Executive Vice President for Research, Georgia Tech*
8:35 AM	Welcome - *Dr. GP "Bud" Peterson, President, Georgia Tech*
8:45 AM	Updates from the South Big Data Hub - *Renata Rawlings-Goss, Co-Executive Director, South Big Data Hub*
9:00 AM	Keynote - *Mayor Pete Buttigieg, South Bend, Indiana*
9:30 AM	Creating a Culture of Innovation *Moderator: Debra Lam, Managing Director of Smart Cities & Inclusive Innovation, Institute for People & Tech, Georgia Tech* *Mayor Pete Buttigieg, South Bend, Indiana* *Stephen Goldsmith, 46th Mayor of Indianapolis and Former Deputy Mayor of NYC* *Martin O'Malley, 61st Governor of Maryland and 47th Mayor of Baltimore*
10:30 AM	Break
11:00 AM	R&D Project Showcase - *Lightning talk showcase of projects underway across the Network*
11:40 AM	The Human Services 360 Project: Using Open and Administrative Data to Address Human Services Challenges *Julia Koschinsky, Center for Spatial Data Science, University of Chicago* *Nicole Marwell, School of Social Service Administration, University of Chicago* *Nick Mader, Chapin Hall, University of Chicago* *Michael Stiehl, Chapin Hall, University of Chicago*
12:00 PM	Lunch
1:00 PM	R&D Project Showcase - *Lightning talk showcase of projects underway across the Network*
2:00 PM	Break
2:15 PM	Breakout: Engaging Students and Research Fellows *Andrew Means, Uptake.org* *Dan O'Brien, Northeastern* *Sarah Stone, UWash* *Ellen Zegura, Georgia Tech* Breakout: Citizen Engagement with Data and R&D Projects *Chris Le Dantec, Georgia Tech* *Michael Baskin, Chattanooga* *Meghan Cook, Univ. of Albany* *John Clary, Austin* *Ryan Locicero, NSF* Breakout: Human Services 360: Using Open and Administrative Data to Address Human Services Challenges *Led by Human Services 360 Project Team*
3:15 PM	Break
3:30 PM	Procuring Tech and Innovation *Moderator: Ben Levine, Executive Director, MetroLab Network* *Sandra Baer, Chief Marketing Officer, CIVIQ Smartscapes* *Kate Garman, Smart City Coordinator, City of Seattle* *Cameron McClay, Senior Advisor- Risk & Compliance Analytics Services, PwC* *Julia Richman, Chief Innovation and Analytics Officer, City of Boulder*
4:15 PM	CIOs, CTOs, and CDOs, O My! *Moderator: Samir Saini, Chief Information/Digital Officer, City of Atlanta* *Santiago Garces, Chief Innovation Officer, City of South Bend* *Sari Ladin-Sienne, Interim Chief Data Officer, City of Los Angeles* *Nikhil Deshpande, Chief Digital Officer, State of Georgia* *Tom Schenk, Chief Data Officer, City of Chicago*
5:00 PM	Closing Remarks - *Ben Levine, Executive Director, MetroLab Network*
5:30 PM	Shuttles to Museum
6:00 PM	Reception at Fernbank Museum
8:00 PM	Reception Concludes, Shuttles back to Renaissance Atlanta Midtown

Thursday, December 14th – Historic Academy of Medicine & Renaissance Atlanta Midtown

8:00 AM	Registration & Light Breakfast, Sponsored by the UK Science and Innovation Network
8:30 AM	Welcome - *Dr. Gisele Bennett, Regents' Researcher & Associate Vice President for Research, Georgia Tech*
8:35 AM	Managing the Dynamic City: On Technological, Cultural & Environmental Change *Moderator: Gabe Klein, co-founder of CityFi* *Martin J. O'Malley, 61st Governor of Maryland and 47th Mayor of Baltimore* *Mayor Kasim Reed, City of Atlanta*
9:15 AM	Keynote - *Mark Wallace, Senior Vice President, Global Engineering and Sustainability, UPS*
9:45 AM	Updates from MetroLab Network *Ben Levine, Executive Director, MetroLab Network* *Bill Fulton, Rice University, Chair of MetroLab Steering Committee* *Rick Stafford, Carnegie Mellon University, MetroLab Steering Committee*
10:00 AM	Break
10:20 AM	R&D Project Showcase - *Lightning talk showcase of projects underway across the Network*
11:15 AM	Privacy and Smart City Technologies *Moderator: Jules Polonetsky, Chief Executive Officer Future of Privacy Forum* *Michael Mattmiller, Chief Technology Officer, City of Seattle* *Scott Shipman, Chief Counsel and Chief Privacy Officer, Verizon Smart Communities & Professor, Santa Clara Univ. of Law* *Peter Swire, Professor of Law, Georgia Tech*
12:00 PM	Lunch, then group will reconvene at Renaissance Atlanta Midtown
1:00 PM	Scaling the Array of Things - *Charlie Catlett, University of Chicago*
1:20 PM	"First, Do No Harm" - Applying Predictive Analytics to Human Services *Moderator: Chris Kingsley, Senior Consultant, MetroLab Network* *Alexandra Chouldechova, Assistant Professor, Statistics & Public Policy, Carnegie Mellon University* *Erin Dalton, Deputy Director of Human Services, Allegheny County* *Bill Howe, Associate Professor, Information School, University of Washington* *Kathy Park, Chief Executive Officer, National Center for Crime and Delinquency*
2:20 PM	Break

2:30 PM <u>Workshops Part I</u>

Future of Privacy Forum Discussion: Privacy & Open Data	Environmental Sensing: Air Quality	Predictive Analytics for Child Welfare: Fundamental Principles
Kelsey Finch, FPF *Michael Mattmiller, Seattle* *Jan Whittington, UWash* *Jesse Woo, Georgia Tech*	*Christine Kendrick, Portland* *Don DuRousseau, GWU* *James Matthews, Univ. of Bristol* *Vincent McInally, Glasgow City Council*	*Rhema Vaithianathan, Auckland University* *Alexandra Chouldechova, CMU* *Erin Dalton, Allegheny Co.* *Emily Putnam-Hornstein, USC* *Ruby Richards, Douglas Co.*

3:30 PM	Break

4:00 PM <u>Workshops Part II</u>

Future of Privacy Forum Discussion: Privacy and Urban Instrumentation	Environmental Sensing: Urban Water	Predictive Analytics Discussion
Jules Polonetsky, FPF *Jonathan Fox, Cisco* *Tara Pham, Numina* *Tom Schenk, Chicago*	*Uwe Brandes, Georgetown University* *Alex Bedig, Opti* *Gary Gilot, U. of Notre Dame* *Brian Tracy, AWS* *Brandon Wong, U. of Michigan*	*Continued from Session I*

5:00 PM	Reconvene & Closing Discussion
5:15 PM	Program Concludes

Annual Summit 2017: R&D Showcase Presentations

Wednesday, December 13th – 11:00am to 11:40am

- Real-Time Insights from Streets - *Tara Pham, Numina*
- Building a Local Environmental Data Repository - *Amanda Meng, Georgia Institute of Technology*
- Fight the Bite: A Collaborative Program to Understand and Address Mosquito-transmitted Diseases, Including Zika, in Miami-Dade County - *Jessica Foley, Miami-Dade County & Dr. Leslie Rosenfeld, City of Miami Beach*

Wednesday, December 13th - 1:00 pm to 2:00 pm

- Combating Urban Blight in the Capital Region: The Shared Information Resource Pilot Project - *Meghan Cook, University of Albany & John Coluccio, City of Schenectady*
- Neighborhood Transformation in Baltimore City - *Ben Seigel, Johns Hopkins University*
- South Bend Bowman Creek Educational Ecosystem - *Gary Gilot, University of Notre Dame*
- The Opportunity Index: Considering Neighborhood Context in Public School Programming and Funding - *Dan O'Brien, Northeastern University*

Thursday, December 14th - 10:20 am to 11:15 am

- The Ray: the Highway of the Future - *Allie Kelly, The Ray*
- Smarter Stormwater Systems: Real-Time Measurement and Control of Urban Stormwater - *Brandon Wong, University of Michigan*
- Cascadia Corridor - *Jon Fink, Portland State University*
- Smart Cities: Data Handling & Privacy - *Alan Howze, Kansas City, Kansas and Tony Luppino, University of Missouri-Kansas City*
- Using Integrated Data Systems (IDS) for Better Informed Decision Making around Housing Instability and Homelessness in Charlotte-Mecklenburg - *Ashley Clark, UNC-Charlotte & Amy Hawn Nelson, Actionable Intelligence for Social Policy*