

Global City Teams Challenge EXPO

Walter E. Washington Convention Center • August 28-29, 2017

Preliminary Agenda

MONDAY, AUGUST 28, 2017 Registration 8:00 am – 5:00 pm

8:55am – 12:10 pm **Plenary Session** **MAIN STAGE, EXHIBIT HALL E**

8:55 am	Welcome <i>Sokwoo Rhee – National Institute of Standards and Technology (NIST)</i>
9:00 am	Federal Keynotes <i>Ian Steff, Deputy Assistant Secretary for Manufacturing, U.S. Department of Commerce (DOC)</i> <i>Richard G. Kidd IV, Deputy Assistant Secretary of the Army, U.S. Department of Defense</i> <i>Erwin P. Gianchandani, Deputy Assistant Director, National Science Foundation (NSF)</i> <i>Kathleen Hogan, Deputy Assistant Secretary for Energy Efficiency, U.S. Department of Energy</i>
10:00 am	Mayor Keynotes Panel <i>Catherine Pugh, Mayor, City of Baltimore, Maryland</i> <i>Roy Buol, Mayor, City of Dubuque, Iowa</i> <i>Acquanetta Warren, Mayor, City of Fontana, California</i> <i>Pauline Cutter, Mayor, City of San Leandro, California</i> <i>Gary McCarthy, Mayor, City of Schenectady, New York</i> <i>Moderator: Judy Reinke, Career Minister, U.S. & Foreign Commercial Service, U.S. DOC</i>
11:00 am	International Mayor Keynote <i>Hayato Shimizu, Mayor, City of Saitama, Japan</i>
11:10 am	Super Cluster Presentations <i>Public Safety: Michael Dunaway, Director, NIMSAT, University of Louisiana at Lafayette;</i> <i>Archana Vemulapalli, Chief Technology Officer, Washington DC; Dean Skidmore, Principal Consultant, IoT+LTE Consulting Group</i> <i>Transportation: Wilf Pinfeld, CEO, Urban Systems; Skip Newberry, President and CEO, Technology Associates of Oregon</i>

12:10 – 1:00 pm **LUNCH (on your own)**

12:10 – 5:00 pm **Exhibit Floor Opens** **EXHIBIT HALL E**

PARALLEL SESSIONS

	Super Cluster Launch & Action Cluster Presentations Track 1* ROOM 146C	Action Cluster Presentations Track 2* ROOM 146A	Partner Workshops ROOM 147B
1:00 – 5:20 pm *See Speaker Lineup for Tracks 1 and 2 following the agenda. Timing subject to change	Data Governance/Exchange Super Cluster Launch Panel (1:00 – 1:50 pm) Public Safety (1:50 – 4:30 pm) Other Action Clusters (4:30 – 5:20 pm) <i>Action Clusters present on their projects for smart cities</i>	Transportation (1:00 – 4:20 pm) FIWARE and Others (4:20 – 5:20 pm) <i>Action Clusters present on their projects for smart cities</i>	U.S. Ignite (1:00 – 2:00 pm) MetroLab Network (2:00 – 3:00 pm) European Commission (3:00 – 4:00 pm) National Telecommunications and Information Administration (NTIA) (4:00-5:00 pm) <i>Organizations hold workshops to provide in-depth information on important smart city solutions</i>

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TUESDAY, AUGUST 29, 2017 Registration 8:00 am – 5:00 pm

9:00am –12:20 pm **Plenary Session** **MAIN STAGE, EXHIBIT HALL E**

9:00 am **Opening Remarks**
Chris Greer, Director, Smart Grid and Cyber-Physical Systems Program, NIST

9:10 am **Federal Keynote**
The Department of Homeland Security (DHS)/Global City Team Challenge Partnership: Doug Maughan, Director, Cyber Security Division (CSD), Science and Technology Directorate, Department of Homeland Security (DHS)

9:20 am **Federal Smart City and Community Task Force Panel**
Ken Leonard, Director, Intelligent Transportation Systems Joint Program Office, U.S. Department of Transportation
Ken Calvert, Director, CISE Division of Computer and Network Systems (CNS), NSF
Meghan Houghton, Staff Associate, NSF
Jean Rice, Senior Broadband Program Specialist, NTIA
Chris Greer, Director, Smart Grid and Cyber-Physical Systems Program, NIST

10:10 am **International Perspectives**
Hideyuki Tokuda, President, National Institute of Information and Communications Technology, Japan
Ming-Teh Wang, Deputy Mayor, City of Taoyuan, Taiwan
Michael C.Y. Chang, Deputy Mayor, City of Tainan, Taiwan

10:30 am **Partner Program Announcements**
David McCann, Vice President, AWS Marketplace, Amazon
Jose Gonzalez, International Cooperation Manager, FIWARE

10:50 am **Super Cluster Presentations***
Utilities – Energy, Water & Waste Management: *Ed Davalos, Sales Leader, Motorola Solutions; Deborah Acosta, Chief Innovation Officer, City of San Leandro, CA; Ken Thompson, Deputy Director, CH2M; Derick Lee, Founder and Chief Architect, PilotCity; Scott Pomeroy, President, Scalable Strategies, Kreg Christoff, Vice President, Motorola Solutions*
Public WiFi/Broadband: *Tony Batalla, IT Manager, City of San Leandro, CA; Jean Rice, Senior Broadband Program Specialist, NTIA; Bill Pugh, Managing Partner, Smart Connections Consulting; Benny Lee, Project Manager, San Mateo County, CA; Steve Wimsatt, Senior Director, Ruckus Wireless; Ulysses Vinson, Smart Communities Officer, San Mateo County, CA; Mohammad Shakouri, Director, Joint Venture Silicon Valley; John P. Coluccio, Signal Superintendent, City of Schenectady, NY*
City Data Platform/Dashboard: *Bob Bennett, Chief Innovation Officer, City of Kansas City, Missouri; Aaron Deacon, Managing Director, KC Digital Drive; Brian Pugliese, Smart Water & Technology Project Manager, City of Bellevue, WA; Chris Crosby, CEO, Xaqt; Herb Sih, Managing Partner, Think Big Partners*

12:20 pm **LUNCH (on your own)**

12:20 – 5:00 pm **Exhibit Floor Opens**

1:00 – 5:00 pm **PARALLEL SESSIONS**

*See Super Cluster and Action Cluster Speaker Lineups following the agenda. Timing subject to change.

**Partner workshops described following the agenda.

Action Cluster Presentations Track 3* ROOM 146C	Action Cluster Presentations Track 4* ROOM 146A	Partner Workshops** ROOM 147B
Utilities (Energy, Water & Waste Management) <i>Action Clusters present on their projects for smart cities</i>	Public WiFi/Broadband City Data Platform/ Dashboard <i>Action Clusters present on their projects for smart cities</i>	DHS (1:00 – 2:00 pm) FIWARE (2:00 – 3:00 pm) ITA (3:00 – 4:00 pm) City Performance Indicators Research Group (4:00 – 5:00 pm)

Global City Teams Challenge EXPO

Walter E. Washington Convention Center • August 28-29, 2017

SUPER CLUSTER SPEAKER LINEUP: PLENARY SESSION EXHIBIT HALL E

MONDAY, AUGUST 28, 2017 11:10 am – 12:10 pm

11:10 –
11:40 am

Public Safety Super Cluster

Smart Cities/Communities: Washington DC

Michael Dunaway, Director, NIMSAT, University of Louisiana at Lafayette

Archana Vemulapalli, Chief Technology Officer, Washington DC

Dean Skidmore, Principal Consultant, IoT+LTE Consulting Group

The Public Safety Super Cluster (PSSC) of the Global City Teams Challenge is a public-private partnership dedicated to identifying technologies, processes and strategies from among GCTC members to enhance public safety and resilience within smart connected communities, and improve the preparedness, response and recovery of modern society from the complex challenges, hazards and risks that threaten local and regional stability. The broad goal of the PSSC is to develop, integrate and pilot technology applications and test new operating procedures and employment methods in collaboration with first responders, public safety officials, and government agencies, to improve situational awareness before, during, and after an incident or civil emergency in order to protect human life, maintain community functions and infrastructure, and ensure public safety. Moreover, the PSSC aims to improve policies and procedures for integration of advanced communications methods and decision systems to enhance interagency planning and coordination of resources within smart and connected communities. The PSSC focuses specific attention on the integration of current and future Internet of Things (IoT) technologies to build resilience and sustainability into the technology ecosystem that comprises smart, connected communities. The PSSC was launched in 2016 by GCTC member communities engaged in developing public-safety focused technologies, and is currently open to membership by all communities, private sector enterprises, non-governmental organizations, and government agencies (at all levels), who share an interest in addressing current and future challenges in public safety, disaster preparedness, and community resilience through the development and integration of advanced technologies.

Participating exhibitors include: Fairfax County Fire & Rescue Department, George Mason University, University of North Texas, University of Louisiana Lafayette, TRX Systems, Databuoy Corporation, Alphabet Communication, EastBanc Technologies, University of Massachusetts Amherst

11:40 am –
12:10 pm

Transportation Super Cluster

Smart Cities/Communities: Portland, OR and Columbus, OH,

Wilf Pinfeld, CEO, Urban Systems

Skip Newberry, President and CEO, Technology Associates of Oregon

This Super Cluster was formed and is managed by forward looking municipalities interested in preparing their infrastructure for new technologies that look set to provide better, more equitable services at lower cost. It explores the opportunities provided by first and last mile vehicles including shared, low speed and autonomous. It explores the opportunities for building vibrant communities around transfer points and mobility hubs and it addresses how these vehicles and hubs can play a role in the last mile delivery of packages and other freight. To support these opportunities the Super Cluster works with teams developing new and advanced transportation models and environmental sensors that allow both the prediction of probable outcomes and the measurement of actual outcomes of introducing these technologies. Finally, the Super Cluster works with teams implementing a smart citySDK to ensure the portability and interchangeability of solutions and propose regulatory and policy changes that support the safe deployment of these technologies.

Participating exhibitors include: City of Portland, City of Baltimore, City of Columbus, Technology Association of Oregon, urban.systems Inc., Mobility Cubed, Innova EV, Organic Transit, Pacific Northwest National Lab, iSoftStone, Smart City Media, Portland State University, Starship Technologies, Baltimore Electric Vehicle Initiative, FIWARE, Hack Oregon, ubiwhere, Vulcan Inc., Coast Autonomous

Global City Teams Challenge EXPO

Walter E. Washington Convention Center • August 28-29, 2017

SUPER CLUSTER SPEAKER LINEUP: PLENARY SESSION EXHIBIT HALL E

TUESDAY, AUGUST 29, 2017 10:50 am – 12:20 pm

10:50 –
11:20 am

Utilities – Energy, Water and Waste Management

Smart Cities/Communities: Atlanta, GA and San Leandro, CA
Ed Davalos, Sales Leader, Motorola Solutions
Deborah Acosta, Chief Innovation Officer, City of San Leandro, CA
Ken Thompson, Deputy Director, CH2M
Derick Lee, Founder and Chief Architect, PilotCity
Scott Pomeroy, President, Scalable Strategies
Kreg Christoff, Vice President, Motorola Solutions

The GCTC Utility Super Cluster purpose is to address leading sustainability issues in cities for Energy, Water and Waste by bringing cities and counties together in the United States and around the world with academia and technology partners to demonstrate real world class examples and best practices. The Super Cluster is managed in three groups with each group managed with its own working group chair. Each Energy, Water and Waste working group is responsible for managing active projects with a common goal to develop a common blueprint. The blueprint will represent best practices and serve as a practical guide for the implementation IoT technologies. Objectives for the Utility Super Cluster include:

- *Reduce water lost through leaks in water transmission and distribution utility infrastructure*
- *Increase water revenues with new and innovative metering technologies*
- *Increase water conservation adoption with weather analytics bases solutions*
- *Address city resilience needs with a focus on energy*
- *Develop and implement new strategies for zero waste*
- *Make it easy for cities to have access to public private partners funding models and government grant information*

Participating exhibitors include: Motorola Solutions, Hitachi Data Systems, SAP, Dekalb County GA, City Mart, Korea Institute Of Civil Engineering and Building Technology (KICT), Maps Group, OSISOFT, InterInnov / FIWARE, Northeastern University, Lawrence Berkeley National Lab, 21st Century Telecommunications, Inc., Clemson University, Odulair, Climatec, Maalka, US Department of Energy, Innovation Intelligence Institute, Dew Mobility, City of San Leandro, Motorola Solutions/Vidsys

11:20 –
11:50 am

Public WiFi/Broadband

Smart Cities/Communities: San Leandro, CA, Schenectady, NY
Tony Batalla, IT Manager, City of San Leandro, CA
Jean Rice, Senior Broadband Program Specialist, NTIA
Bill Pugh, Managing Partner, Smart Connections Consulting LLC
Benny Lee, Project Manager and Ulysses Vinson, Smart Communities Officer, San Mateo County, CA
Steve Wimsatt, Senior Director, Ruckus Wireless
Mohammad Shakouri, Director, Joint Venture Silicon Valley
John P. Coluccio, Signal Superintendent, City of Schenectady, NY
Ulysses Vinson, San Mateo County, CA Smart Communities Officer

The GCTC Public Wi-Fi SuperCluster is focused on development of best practices for the deployment of high-speed, public Wi-Fi systems. As wireless internet connectivity has grown to become a critical part of our society, municipalities have discovered that wireless service in public spaces can be more than just a nice amenity; it can be a tool for economic development, a lever for tackling the digital divide and homework gap, and serve as core infrastructure in IoT networks, supporting smart city applications such as public safety, energy, lighting, transportation, and more. Yet, for all of its promise, the goals of deploying ubiquitous, public Wi-Fi connectivity and the building and sustaining a municipally-owned wireless system remain difficult to achieve. As a result, many municipalities have struggled to deploy and sustain these systems. The Public Wi-Fi SuperCluster will address these issues by analysis aimed at uncovering the best practices for successful deployments from municipalities themselves. These best practices will come in the form of interviews, workshops, and case studies covering four broad areas: technical design; financial, legal, and marketing; project management; and outcomes & use cases. By collecting, analyzing, and reporting this information in aggregate, the Public Wi-Fi SuperCluster aims to publish a blueprint for municipalities of any kind - whether large or small, urban or rural - to successfully deploy public Wi-Fi by learning from those who have done it already.

Participating exhibitors include: City of San Leandro, City of Schenectady, County of San Mateo, Joint Venture Silicon Valley, Ruckus Wireless, Verizon, Smart Connections Consulting

Global City Teams Challenge EXPO

Walter E. Washington Convention Center • August 28-29, 2017

SUPER CLUSTER SPEAKER LINEUP: PLENARY SESSION EXHIBIT HALL E

11:50 am –
12:20 pm

City Data Platform/Dashboard

Smart Cities/Communities: Kansas City, MO, Bellevue, WA

Bob Bennett, Chief Innovation Officer, City of Kansas City, Missouri

Aaron Deacon, Managing Director, KC Digital Drive

Brian Pugliese, Smart Water & Technology Project Manager, City of Bellevue, WA

Chris Crosby, CEO, Xaqt

Herb Sih, Managing Partner, Think Big Partners

The cities of Kansas City, Missouri and Bellevue, Washington are teaming with 20 other cities and several corporate partners including Cisco and XAQT to lead the GCTC City Platform Super Cluster. We believe that the heart of a Smart City is data. We believe that technology can make a city cool, but data (its collection, analysis and integration into a decision support platform) makes it smart. We are seeking to discover the common set of things we all measure and understand how we can standardize that list. By agreeing on what we measure, all cities can then apply the data in a manner that allows each of us to address our unique challenges regardless of the size, governance or location of our municipality.

Participating exhibitors include: MySidewalk, Site 1001, ThinkBig Partners, KC Digital Drive, City of KCMO, Xaqt, City of Bellevue, WA

PARTNER WORKSHOPS: ROOM 147B

Monday, August 28, 2017 1:00 – 5:00 pm

1:00 – 2:00
pm

US-Ignite

Pathways to At-Scale Smart City/IoT Deployments

Nick Maynard, Co-founder and Chief Strategy Officer, US-Ignite

Bill Maguire, Program Manager/Consultant, US-Ignite

To date, the GCTC initiative has spurred Smart City/IoT partnerships in nearly 100 communities and has helped project participants plan, implement and pilot innovative projects. A next step in the evolution of the GCTC initiative is to support efforts to bring scale to Smart City/IoT deployments. US Ignite will present an overview of US Ignite's efforts to support at-scale Smart City deployments and will lead a roundtable discussion regarding the topic.

2:00 – 3:00
pm

MetroLab Network

Growing Role of City-University Partnerships in Advancing Urban Science

Ben Levine, Executive Director, MetroLab Network

Jon Fink, Professor of Geology / Visiting Professor of Urban Analytics, Portland State University / University of British Columbia

Mina Sartipi, Lead Scientist for Smart Cities and Urban Science, University of Tennessee-Chattanooga

Grant Ervin, Chief Resilience Officer, City of Pittsburgh

Uwe Brandes, Faculty Director, Urban & Regional Planning Program, Georgetown University

MetroLab's partner workshop at the GCTC Expo will discuss the growing role of city-university partnerships in advancing urban science and will also provide a preview of the upcoming MetroLab Network Annual Summit on September 13-14 in Atlanta GA. MetroLab Network is a national network of 40 city-university partnerships focused on urban innovation and will be hosting their Annual Summit in partnership with the City of Atlanta and Georgia Tech. The Summit will bring together leaders from local government, universities, industry and non-profit and is an opportunity to share, discuss, and present on the impact of data, analytics, and technology on local government.

Global City Teams Challenge EXPO

Walter E. Washington Convention Center • August 28-29, 2017

PARTNER WORKSHOPS: ROOM 147B

3:00 – 4:00
pm

European Union Initiatives

European Union Initiatives on Technology Innovative Solutions and Collaboration among Cities/Communities

Moderators:

Giulio Busulini, Science and Technology Attaché, Embassy of Italy

Martijn Nuijten, Science and Technology Attaché, Embassy of the Kingdom of the Netherlands

Panel Presentations:

Andrea Glorioso, Counsellor (Digital Economy / Cyber), Delegation of the European Union to the U.S.

“European initiatives supporting smart cities and IoT solutions “

Simona Costa, Chairman, Action Cluster Integrated Planning, The European Innovation Partnership on Smart Cities and Communities

“Overview on the European Innovation Partnership (EIP) for Smart cities and communities initiative”

Giuliana Torta, Counsellor (Environment, Climate, Maritime), Delegation of the European Union to the United States of America

“Transatlantic cooperation for urban sustainability.”

Carlota Cenalmor, Deputy Representative of the European Investment Bank (EIB) DC Office

“Funding innovative cities: Public –Private co-investments mechanisms supporting scalable solutions”

Today 78% of European citizens live in cities, and 85% of the EU’s GDP is generated in cities. Many European cities are forerunners in the much-needed transition towards a low carbon, resource efficient and competitive economy. Cities are central to delivering on key challenges for Europe’s society and economy: jobs, growth and investment, innovation, security, energy- efficiency, low-carbon development - to name a few. Linking and upgrading infrastructures, technologies and services in key urban sectors (transport, buildings, water, waste, energy, ICT) in a smart way will improve quality of life, competitiveness and sustainability of cities. Markets are often fragmented, missing out on their full economic potential. Many innovative solutions require new business models and financing solutions for decreasing risk. Since demand for better infrastructures and services is high and still increasing but public budget is under pressure, knowledge needs to be shared effectively and capacities developed.

4:00 – 5:00
pm

National Telecommunications and Information Administration (NTIA)/Broadband USA

Funding Opportunities to Help Shape the Future of Smart Cities and Communities

Mehan Jayasuriya, Program Manager, Mozilla

Bob Bennett, Chief Innovation Officer, City of Kansas City, Missouri

Meghan Houghton, Staff Associate, NSF’s Directorate for Computer and Information Science and Engineering

Jogchum Poodt, ConnectHome Manager, Office of Public Housing Investments, U.S. Department of Housing and Urban Development

Jean Rice, Senior Broadband Program Specialist, BroadbandUSA/NTIA

Many cities embarking on smart city initiatives are leveraging partnerships and funding to improve the efficiency and effectiveness of their communities. This session will highlight opportunities for funding and partnerships including: the National Science Foundation’s (NSF) sponsored Mozilla’s \$2 million Wireless Innovation for a Networked Society (WINS) Challenge that seeks practical, new wireless solutions to help connect people after a disaster or in areas without sufficient connectivity; the Department of Housing and Urban Development funding available for public Wi-Fi/smart cities projects in low income areas; NSF’s grants to promote smart cities and networking innovation; and how partnerships can leverage city assets, university knowledge and private resources to enable a variety of innovative smart cities solutions as done in Kansas City, Mo.

Global City Teams Challenge EXPO

Walter E. Washington Convention Center • August 28-29, 2017

PARTNER WORKSHOPS: ROOM 147B

Tuesday, August 29, 2017 1:00 – 5:00 pm

1:00 – 2:00
pm

U.S. Department of Homeland Security

GCTC- Secure Connected Cities and Communities (SC3)

Scott Tousley, Deputy Director, CSD, Science and Technology Directorate, DHS

DHS S&T/CSD is working with NIST and the next phase of the Global Cities Team Challenge program (GCTC), through a “Secure Connected Cities and Communities” program (SC3). The purpose of this workshop is to begin a discussion of the key initial question for the SC3 effort: What are potential conceptual and technical approaches to the challenges of securely connecting cities and communities? Some of the questions that will be used to help guide workshop discussion are:

- How to securely connect and operate different systems and infrastructures, that were not designed or developed together?
- Are there particular architectures, frameworks, analytical approaches, etc., that might prove most valuable to SC3 and its participants?
- How to balance the growth of security capacity, between top-down/architectural and bottom up/evolutionary approaches?
- How to address the related topics of security and privacy, in connected cities and communities?

Scott Tousley will open the workshop with a short introduction to the SC3 effort, and then will be assisted by several individuals from SRI in guiding a workshop/audience discussion. Attendees are asked to come to the workshop with one question that they have about the challenge of secure connected cities and communities, to contribute to the workshop discussion.

2:00 – 3:00
pm

FIWARE

Creation of Opportunities of Cooperation between North-American Cities and SMEs

Jorge Alfonso Kurano, Project Manager, FIWARE/ Universidad Politecnica de Madrid

Wilfred Pinfold, CEO, Urban Systems

Lanfranco Marasso, Smart City Program Director, Engineering Ingegneria Informatica S.p.A.

Andrea Cruciani, CEO, TeamDev

Antonio Jara, CEO, HOP Ubiquitous

Rui Costa, CEO, Ubiwhere

Mathieu Carlier, CEO, Everimpact

The objective of the FIWARE workshop is the creation of opportunities of cooperation between the North-American cities and subject matter experts (SMEs) currently working on FIWARE-based solutions. With this workshop, we aim to create an open debate addressing the needs of the cities, and their short-term activities. The workshop will also create an opportunity for the SMEs to interact directly with the cities and try to find a common ground to start working together.

3:00 – 4:00
pm

International Trade Administration

Doing Business with the International Trade Administration

Holly Vineyard, Deputy Assistant Secretary of Global Markets for the U.S. Department of Commerce

Cody A. Dietrich, U.S. Commercial Officer, Virginia and Washington D.C., U.S. Department of Commerce

Join the U.S. Department of Commerce for an informative workshop on exporting Smart City products and solutions. Holly Vineyard, the Deputy Assistant Secretary of Global Markets, will kick off the workshop with an introduction to the International Trade Administration. Cody A. Dietrich, U.S. Commercial Officer, Virginia and Washington D.C office, will outline key steps to developing a successful export strategy. Mr. Dietrich will review U.S. Commercial Service programs to help Smart City exporters connect with buyers around the world. ITA will also have representatives from SelectUSA (ITA’s foreign direct investment team), the Advocacy Center, sector specialists from the Industry & Analysis business unit of ITA, and representatives from Taiwan on hand to discuss how ITA can help you grow your business.

Global City Teams Challenge EXPO

Walter E. Washington Convention Center • August 28-29, 2017

PARTNER WORKSHOPS: ROOM 147B

4:00 – 5:00
pm

City Performance Indicators Research Group

The Science of Measuring Cities

Joshua Tan, Researcher, Oxford University
Christine Kendrick, Smart Cities Project Manager, City of Portland, Oregon
Abhishek Dubey, Assistant Professor, Vanderbilt University

How can we tell whether a city is sick or healthy? Whether it is rich or poor? Fair or unfair? Measuring a city requires that we ask hard questions not only about the data (yes, there's a lot of it) but also about the ways we think about that data: namely our models of cities. These models define and constrain our strategic priorities, enable policy reactions to data, and often circumscribe what we count as relevant and irrelevant information. In this session, we review one of the simplest examples of a model: key performance indicator frameworks, and discuss recent efforts by NIST and GCTC to build a science of measuring cities on top of these indicator frameworks.

PANEL AND ACTION CLUSTER SPEAKER LINEUP, TRACK 1: ROOM 146C

MONDAY, AUGUST 28, 2017 1:00 – 5:20 pm

1:00 -1:50
pm

Data Governance/Exchange Super Cluster Launch Panel

Smart Cities/Communities: Kansas City, MO
Jason Whittet, Business Development Manager, AT&T
Bob Bennett, CIO, City of Kansas City, MO
Alex Huppenthal, CEO/Founder, Aspenworks
Mark Dowd, Visiting Scholar, University of California, Berkeley
Moderator: Dan Correa

Data governance is one of the primary challenges to the deployment of smart cities technologies today. The data governance challenge has two main components. First, the structure and operations of city government as an organization and second, the policies and technologies for the collection, storage, exchange, security and use of public data, particularly public sector IoT data, both internally and externally. Many cities have successfully implemented data management and open data solutions for public data. But, there is not yet developed a comprehensive strategy for handling all of the data from thousands of IoT sensors available now and envisioned for the future. Cities are interested in IoT technology as a way to improve operations and the delivery of services. What is a standard, but flexible and customizable framework that will allow cities to use and exchange IoT data for public value while protecting public privacy and trust? GCTC's Data governance and exchange SuperCluster aims to address the challenge of building a standard governance and exchange model for IoT data and a plan for governments to successfully customize and deploy it. The group will work to produce guidelines for data exchange and governance, as well as deployed proofs to share with other teams and stakeholders.

1:50 –
4:30 PM

PUBLIC SAFETY ACTION CLUSTERS

Emcees: Tebjir Phool, MimoCloud (1:50-3:00 pm) and Thomas Crane, Everbridge (3:20 – 5:20 pm)

1:50 –
2:00 pm

Responder to Vehicle Communication for Public

Smart Cities/Communities: Grand Rapids, Michigan; Detroit, Michigan
Ron Tennant, Acting Deputy Chief, Grand Rapids, Michigan Fire Department
Cory Hohs, CEO and Founder, HAAS Alert

2:00 –
2:10 pm

Real Time Resilience: Resilience Data Treatment Tools Towards Real Time Decision Making

Smart Cities/Communities: Genoa, Italy; Florence, Italy; Bari, Italy
Speaker TBD

Global City Teams Challenge EXPO

Walter E. Washington Convention Center • August 28-29, 2017

PANEL AND ACTION CLUSTER SPEAKER LINEUP, TRACK 1: ROOM 146C

MONDAY, AUGUST 28, 2017 1:00 – 5:20 pm

2:10 – 2:20 pm	Clarity Amidst Chaos – How AI is Enhancing Emergency Preparedness Smart Cities/Communities: San Francisco, California; Alameda County, California <i>Timothy Frank, Co-founder, One Concern, Inc.</i> <i>Michael Dayton, Deputy Director, Department of Emergency Management, San Francisco, California</i>
2:20 – 2:30 pm	Advanced Flood Warning and Environmental Awareness System for the City of Rohnert Park (AFWEAR) – IoT Based Smart Cities/Communities: Rohnert Park CA, Santa Rosa CA, Sonoma County CA <i>Darrin Jenkins, City Manager, City of Rohnert, CA</i> <i>Shivakumar Mathapathi, CTO, Dew Mobility</i>
2:30 – 2:40 pm	Deployable Communications and Incident Command System for Emergency Response and Disaster Recovery Smart Cities/Communities: Fire Department, Denton, Texas <i>Kamesh Namuduri, Professor of Electrical Engineering, University of North Texas</i>
2:40 – 2:50 pm	Smart Emergency Response System (SERS) Smart Cities/Communities: NCTCOG EPD, Tarrant County Fire Service Training Center, Denton Fire Department, Austin Fire Department, Texas <i>Yan Wan, Professor, University of Texas, Arlington</i> <i>Shengli Fu, Professor, University of North Texas</i>
2:50 – 3:00 pm	NerveNet – Regional Resilient IoT Platform for Smart Cities and Towns Smart Cities/Communities: Shirahama Town, Wakayama Prefecture, Japan; Shiojiri City, Nagano Prefecture, Japan; Onagawa Town, Miyagi Prefecture, Japan; Asakusa, Taito-ku, Tokyo, Japan; Cheung Prey Village, Khum Sampong Chey District, Kampong Cham Province, Cambodia <i>Masugi Inoue, Director, International Research Advancement Office, NICT (Japan)</i>
3:00 – 3:20 pm	BREAK
3:20 – 3:30 pm	GEO Fencing Predictive Policing: Solutions to Reduce Response Times for First Responders and Provide Valid Data for Evidence Smart Cities/Communities: Conover, North Carolina <i>Kimberly Calhoun, Founder/CEO, CAP Science Labs, Conover, NC</i>
3:30 – 3:40 pm	CyberCity Education Platform: Functional Training and Practice Smart Cities/Communities: Washington, District of Columbia; Loudoun County, Virginia; The Gramercy District, Montgomery County, Maryland <i>Jaroslav "Jarda" Flidr, Chief Architect for Cloud Computing, George Washington University</i> <i>Scott J. White, Director, Cyber Academy, George Washington University</i>
3:40 – 3:50 pm	Galway Smart City: Light Pollution, Air Quality and Noise Monitoring Smart System - IoT Based Smart Cities/Communities: Galway City, Ireland; Mayo; Sligo; Leitrim; Roscommon <i>Shivakumar Mathapathi, CTO, Dew Mobility</i> <i>Martín Serrano, National University of Ireland Galway</i>
3:50 – 4:00 pm	Community Traffic Guidance/Control System to Support Natural Disaster Emergency Response

Global City Teams Challenge EXPO

Walter E. Washington Convention Center • August 28-29, 2017

PANEL AND ACTION CLUSTER SPEAKER LINEUP, TRACK 1: ROOM 146C

MONDAY, AUGUST 28, 2017 1:00 – 5:20 pm

	<i>Ching-Ieng Hsiao, Advisor and Chief Information Officer, Taichung City Government, Taiwan</i>
4:00 – 4:10 pm	<p>Safe Community Awareness and Alerting Network (SCALE)</p> <p>Smart Cities/Communities: Montgomery County, MD; Gainesville, FL <i>Dennis Linders, Data and Performance Analyst (Service Delivery and Innovation), Montgomery County, Maryland</i> <i>Greg Toth, Director, IoT Dev Labs</i></p>
4:10 – 4:20 pm	<p>SMART Emergency, Medical and First Response Multi-team Systems</p> <p>Smart Cities/Communities: Fairfax County, Virginia <i>Brenda Bannan, Associate Professor, George Mason University</i> <i>Hemant Purohit, Assistant Professor, George Mason University</i></p>
4:20 – 4:30 pm	<p>Smartphone-Based Technology that Connects Agencies with Private Contractors Allowing them to Assist during Snow Emergencies</p> <p>Smart Cities/Communities: Montgomery County, Maryland <i>Peter Shashkin, Director of Solutions, EastBanc Technologies</i></p>
4:30 – 5:10 pm	OTHER ACTION CLUSTERS
4:30 – 4:40 pm	<p>MAGIC Smart Home/Smart Community Project</p> <p>Smart Cities/Communities: Westminster, Maryland <i>Robert Wack, President, MAGIC</i></p>
4:40 – 4:50 pm	<p>Taoyuan Mobile Citizen Card</p> <p>Smart Cities/Communities: Taoyuan City, Taiwan <i>Wen-Cheng Wang, Chief PKI & IAM Product Manager, Data Communications Business Group, Chunghwa Telecom Co., Ltd.</i></p>
4:50 – 5:00 pm	<p>Oil & Gas Well-Produced Water Localized Treatment and Recycle</p> <p>Smart Cities/Communities: Coudersport Borough, Pennsylvania; Eulalia Township, Pennsylvania (Coudersport Area Municipal Authority) <i>Mike Broeker, President/COO, Epiphany Water Solutions</i></p>
5:00 – 5:10 pm	<p>Next Generation, Resilient Warning Systems for Tornadoes and Flash Floods</p> <p>Smart Cities/Communities: City of Midlothian, TX; City of Fort Worth, TX <i>Brenda Philips, Co-director, CASA Engineering Research Center, University of Massachusetts, Amherst</i> <i>Apoorva Bajaj, Innovation Manager, CASA Engineering Research Center, University of Massachusetts, Amherst</i></p>
5:10 – 5:20 pm	<p>Piloting Lighting Infrastructure as a Service Platform for Smart Lighting Solutions and other Innovative, User-Oriented Services in Urban Environments</p> <p>Smart Cities/Communities: Helsinki, Lahti, Oulu, Raahe, Salo, Tampere and Turku, Finland <i>Markku Niemi, Business Advisor, Business Tampere, Finland</i></p>

Global City Teams Challenge EXPO

Walter E. Washington Convention Center • August 28-29, 2017

ACTION CLUSTER SPEAKER LINEUP, TRACK 2: ROOM 146A

MONDAY, AUGUST 28, 2017 1:00 – 5:20 pm

1:00 – 4:20 PM	<p>TRANSPORTATION ACTION CLUSTERS <i>Emcees: Wilfred Pinfeld, Urban Systems (1-3:00 pm) and Aaron Deacon, KC Digital Drive (3:40 – 4:20; 5-5:20 pm)</i></p>
1:00 – 1:10 pm	<p>Utilizing Low Speed Electric Vehicles for First/Last Mile Solution : Increased Use of Public Transportation in Medium to Large Urban Areas</p> <p>Smart Cities/Communities: St. Louis, Missouri <i>Kris Bailey, COO, Electric Cab North America</i> <i>Isa Reeb, Urgan Designer, Civitas</i></p>
1:10 – 1:20 pm	<p>Video Analytics for Orlando Special Events, Public Safety, Emergency Management and Traffic Situational Awareness</p> <p>Smart Cities/Communities: Orlando, FL; Lynx Public Transit; Central Florida Expressway Authority; Florida Department of Transportation District V <i>Charles Ramdatt, Director of Smart Cities and Special Projects, City of Orlando, FL</i></p>
1:20 – 1:30 pm	<p>Smart Trip Las Vegas: Safer and Connected Transportation</p> <p>Smart Cities/Communities: Las Vegas, Nevada (Regional Transportation Commission of Southern Nevada) <i>Joanna Wadsworth, Program Manager, City of Las Vegas</i> <i>Steve Crumb, Executive Director, GENIVI Alliance</i></p>
1:30 – 1:40 pm	<p>Smart and Accessible Transportation Hub</p> <p>Smart Cities/Communities: New Jersey, Passaic County; New Jersey Transit; NYC Mayor's Office for People with Disabilities (MOPD); NY State Commission for the Blind (NYSCB)</p> <p><i>Zhigang Zhu, Professor, The CUNY City College</i> <i>Jie Gong, Assistant Professor, Rutgers University</i> <i>Cecilia Feeley, Autism Transportation Manager, Rutgers University</i> <i>Jason Simmons, Principal Planner, NJ Passaic County Department of Planning & Economic Development</i> <i>Zheng Yi Wu, Bentley Fellow, Bentley</i></p>
1:40 – 1:50 pm	<p>SmartShuttle: A Scalable and Replicable Architecture for Low Speed Automated Shuttles</p> <p>Smart Cities/Communities: Columbus, Ohio; Greenville, South Carolina; Portland, Oregon; Boston, Massachusetts; Washington, District of Columbia <i>Sukru Yaren Gelbal, Graduate Research Assistant, Ohio State University</i></p>
1:50 – 2:00 pm	<p>Connected Intelligent Transportation</p> <p>Smart Cities/Communities: Portland, Oregon; Porto, Portugal <i>Christine Kendrick, Air Quality Lead/Smart Cities Project Manager, City of Portland</i></p>
2:00 – 2:10 pm	<p>Smart Transit Hubs/ B'Smart Project</p> <p>Smart Cities/Communities: Baltimore, Maryland <i>Jill Sorensen, Director, BEVI, Baltimore City, BGE, West Baltimore</i></p>

Global City Teams Challenge EXPO

Walter E. Washington Convention Center • August 28-29, 2017

ACTION CLUSTER SPEAKER LINEUP, TRACK 2: ROOM 146A

MONDAY, AUGUST 28, 2017 1:00 – 5:20 pm

2:10 – 2:20 pm	Integrated Analytics and Scheduling of Emergency Responders Under Uncertainty Smart Cities/Communities: Nashville, Tennessee (Fire Department) <i>Rusty Lacy, Information Technology Manager, Nashville Fire Department</i> <i>Gautam Biswas, Professor, Vanderbilt University</i> <i>Eugene Vorobeychik, Assistant Professor, Vanderbilt University</i>
2:20 – 2:30 pm	Busan Smart City: Smart Transportation Services Leveraging Smart City Infrastructure Smart Cities/Communities: Busan Metropolitan City, South Korea <i>Young Chun, Senior Consultant, Deli-I</i>
2:30 – 2:40 pm	User-Centered Heterogeneous Data Fusion for Multi-Networked City Mobility, UHDNetCity Smart Cities/Communities: Tallahassee, Florida <i>Michael Ohlsen, Energy Manager, City of Tallahassee</i> <i>Ayberk Kocatepe, Graduate Assistant, Florida State University</i>
2:40 – 2:50 pm	Carolinas Alliance 4 Innovation (Greenville A-Taxi Shuttles) Smart Cities/Communities: Greenville, South Carolina <i>Fred Payne, Municipal Official, Greenville, South Carolina</i>
2:50 – 3:00 pm	Park DC Smart Cities/Communities: Washington, District of Columbia <i>Stephanie Dock, Research Program Administrator, Washington DC Department of Transportation</i>
3:00 – 3:40 pm	BREAK (Optional Park DC Onsite Tour)
3:40 – 3:50 pm	Open Data/API Platform and Analysis of Taxi Dispatch, The Intelligent Transportation System Applications in Kaohsiung City Smart Cities/Communities: Kaohsiung City, Taiwan (Information Management Center, Transportation Bureau) <i>Sheng-Feng Hung, Head, Transportation Bureau, Kaohsiung City Government, Taiwan</i>
3:50 – 4:00 pm	Social Computing Platform for Multi-Modal Transit (formerly Platform for Enabling Optimal Multi-Modal Transportation Planning Service) Smart Cities/Communities: Nashville, Tennessee <i>Colleen Herndon, Project Manager, Nashville Metro ITS</i> <i>Abhishek Dubey, Assistant Professor, Vanderbilt University</i>
4:00 – 4:10 pm	Final 50 Feet: Urban Goods Delivery System Smart Cities/Communities: Seattle, Washington <i>Christopher Eaves, Senior Civil Engineering Specialist, Seattle Department of Transportation</i>
4:10 – 4:20 pm	Smart Car-Talk Smart Cities/Communities: Daegu City, South Korea <i>Taewoo Lee, Assistant Researcher, Korea Automotive Technology Institute</i>
4:20 – 5:00 pm	FIWARE ACTION CLUSTERS

Global City Teams Challenge EXPO

Walter E. Washington Convention Center • August 28-29, 2017

ACTION CLUSTER SPEAKER LINEUP, TRACK 2: ROOM 146A

MONDAY, AUGUST 28, 2017 1:00 – 5:20 pm

4:20 – 4:30 pm	FIWARE Smart Cities/Communities: Multiple municipal members TBD <i>Speaker TBD</i>
4:30 – 4:40 pm	EnvyPorto (FIWARE) Smart Cities/Communities: Porto, Portugal <i>Speaker TBD</i>
4:40 – 4:50 pm	Air Quality Monitoring in London (FIWARE) Smart Cities/Communities: Greenwich Borough, UK <i>Speaker TBD</i>
4:50 – 5:00 pm	WiseTown: Web Information Stream Enhancer City Dashboard (FIWARE) Smart Cities/Communities: Perugia, Italy; Assisi, Italy <i>Speaker TBD</i>
5:00 – 5:20 pm	OTHER ACTION CLUSTERS
5:00 – 5:10 pm	CIVIC: Data by the People, for the People Smart Cities/Communities: Portland Oregon; Multnomah County, Oregon <i>Speaker TBD</i>
5:10 – 5:20 pm	Personalized Dashboard for the Residents Smart Cities/Communities: San Leandro, California <i>Ryder Pearce, Founder and CEO, YoGov</i>

ACTION CLUSTER SPEAKER LINEUP, TRACK 3: ROOM 146C

TUESDAY, AUGUST 29, 2017 1:00 – 5:00 pm

1:00 -5:00 pm	UTILITIES (ENERGY, WATER & WASTE MANAGEMENT) ACTION CLUSTERS <i>Emcees: Ed Davalos, Motorola Solutions (1-3:20 pm) and Rajendra Singh, Clemson University (3:40 – 4:50 pm)</i>
1:00 – 1:10 pm	Smart Waste Management & Logistics for Municipal Solid Waste Collection Operations Smart Cities/Communities: Goyang City, South Korea; Los Angeles California; Chula Vista, California, Hermosa Beach, California; Washington, District of Colombia <i>Michael Son, CFO, Ecube Labs</i>
1:10 – 1:20 pm	City Energy Resiliency and Sustainability Smart Cities/Communities: San Leandro, California <i>Deborah Acosta, Chief Innovation Officer, City of San Leandro, California</i> <i>Derick Lee, Founder and Chief Architect, PilotCity</i>
1:20 – 1:30 pm	OpenGrid Smart Cities/Communities: Chicago, IL <i>Danielle DuMerer, Chief Information Officer, City of Chicago, Illinois</i>

Global City Teams Challenge EXPO

Walter E. Washington Convention Center • August 28-29, 2017

ACTION CLUSTER SPEAKER LINEUP, TRACK 3: ROOM 146C

TUESDAY, AUGUST 29, 2017 1:00 – 5:00 pm

Adam Dillman, Managing Partner, Uturn Data Solutions
David Matthews, Director of Engineering, Uturn Data Solutions

1:30 –
1:40 pm

Atlanta Smart City Project

Smart Cities/Communities: Atlanta, GA
Samir Saini, Chief Information Officer, City of Atlanta, Georgia

1:40 –
1:50 pm

Calabar IoT-based Smart Waste Project

Smart Cities/Communities: Nigeria; Calabar, Calabar South, Ikom, Ogoja, Biase
Bernard Ewah, Consultant, National Information Technology Development Agency

1:50 –
2:00 pm

Taoyuan City Water Resources Information System

Smart Cities/Communities: Taoyuan City, Taiwan (Department of Water Resources)
Su, Tzu Han, Officer, Department of Water Resources, Taoyuan City

2:00 –
2:10 pm

City of Pittsburgh Building-Secure, Real-Time Utility and Usage Data Integration and AI Analysis: Efficiency improvement recommendations using the BuildFit application

Smart Cities/Communities: Pittsburgh, Pennsylvania, Pittsburgh Water and Sewer Authority
Speaker TBD

2:10 –
2:20 pm

Illuminating Smart Cities: Kansas City Runs on IoT Platform

Smart Cities/Communities: Kansas City, Missouri
Bob Bennett, CIO, Kansas City, Missouri
Sean Harrington, VP of City Solutions, Verizon

2:20 –
2:30 pm

IoT-Based Waste management system - Smart Garbage Monitoring System (SGMS)

Smart Cities/Communities: San Leandro, California
Shivakumar Mathapathi, CTO, Dew Mobility

2:30 –
2:40 pm

Low-Cost Air Quality Monitoring: RAMPs in Pittsburgh

Smart Cities/Communities: Pittsburgh, Pennsylvania; Allegheny County, Pennsylvania
R. Subramanian, Research Scientist, Carnegie Mellon University

2:40 –
2:50 pm

Non-Revenue Water Monitoring and Reduction Using Advanced LTE Communications

Smart Cities/Communities: Gwinnett County, Georgia (Regional Water Authority)
Steven Seachrist, Asset Optimization Engineer, Gwinnet County Department of Water Resources
Raja Kadiyala Global Practice Director for Intelligent Systems, CH2M

2:50 –
3:00 pm

IoT-Based Smart Energy Management System for Smart City

Smart Cities/Communities: Suwon City, South Korea
Suwon Song, Senior Researcher, Korea Institute of Civil Engineering and Building Technology

3:00 –
3:10 pm

Underground Infrastructure Sensing and Mapping for Smart Maintenance, Sustainability, Usage and Resilience

Smart Cities/Communities: Winooski, Vermont; Burlington, Vermont
Dryver Huston, Professor, University of Vermont
Tian Zia, Professor, University of Vermont

Global City Teams Challenge EXPO

Walter E. Washington Convention Center • August 28-29, 2017

ACTION CLUSTER SPEAKER LINEUP, TRACK 3: ROOM 146C

TUESDAY, AUGUST 29, 2017 1:00 – 5:00 pm

3:10 – 3:20 pm	Smart Replicable Solutions to Water-Energy Nexus Challenges Smart Cities/Communities: Cleveland, Ohio <i>Sudhir Kshirsagar, President/CEO, Global Quality Corporation</i> <i>Bryan Stubbs, Executive Director, Cleveland Water Alliance</i> <i>Elkin Hernandez, Manager of Process Control, DC Water</i>
3:20 – 3:40 pm	BREAK
3:40 – 3:50 pm	Water Application Management (WAM pronounced Wham): "A Smart Technology Solution" to a Complex Problem Smart Cities/Communities: Fontana, California <i>Ray Ebert, Information Technology Director, City of Fontana, CA</i>
3:50 – 4:00 pm	Unraveling the Intersection of Incarceration, Homelessness, and Mental Health Smart Cities/Communities: Washoe County, Nevada; Wake County, North Carolina; City of Reno, Nevada <i>Jennifer Robinson, Director of Local Government Solutions, SAS</i>
4:00 – 4:10 pm	StormSense (Public Safety) Smart Cities/Communities: Newport News, Virginia; Virginia Beach, Virginia; Norfolk, Virginia; Hampton, Virginia; Portsmouth, Virginia; Chesapeake, Virginia; Williamsburg, York County, Virginia <i>Derek Loftis, Assistant Research Scientist, Virginia Institute of Marine Science</i> <i>Sridhar Katragadda, Systems Analyst, City of Virginia Beach, VA</i>
4:10 – 4:20 pm	Leveraging Existing Automated Meter Reading for a Smart Alert Response Technology Smart Cities/Communities: Houston, Texas <i>Jason Iken, Senior Assistant Director, City of Houston Wastewater Operations</i> <i>Mark Serres, Chief Technology Officer, Utility Systems Science & Software</i>
4:20 – 4:30 pm	SmartCU - Covenant University Smart City Smart Cities/Communities: Ado-Odo/Ota Local Government, Nigeria <i>Shivakumar Mathapathi, CTO, Dew Mobility</i>
4:30 – 4:40 pm	Flood Judge Smart Cities/Communities: Ross Valley, California <i>Vijay Sammeta, CEO, Civic Foundry</i>
4:40 – 4:50 pm	Indoor, GPS-Denied First Responder Location and Tracking Solutions Smart Cities/Communities: Harris County, TX; Arlington County, VA <i>Speaker TBD</i>

Global City Teams Challenge EXPO

Walter E. Washington Convention Center • August 28-29, 2017

ACTION CLUSTER SPEAKER LINEUP, TRACK 4: ROOM 146A

TUESDAY, AUGUST 29, 2017 1:00 – 5:00 pm

1:00 – 5:00 PM	<p>PUBLIC WIFI/BROADBAND AND CITY DATA PLATFORM/DASHBOARD ACTION CLUSTERS <i>Emcees: Tony Batella, San Leandro, CA (1-2:40 pm) and Herb Sih, Think Big Partners (3-4:40 pm)</i></p>
1:00 – 1:10 pm	<p>CITYDASH: City-Wide Analytics Dashboard from Public and Private Data Sources</p> <p>Smart Cities/Communities: San Leandro, California <i>Speaker TBD</i></p>
1:10 – 1:20 pm	<p>Public Wi-Fi Roaming, Security and Ease of Use (Bay Area Unified Wi-Fi – Regional Public Wi-Fi System)</p> <p>Smart Cities/Communities: California; San Leandro, San Mateo County <i>Speaker TBD</i></p>
1:20 – 1:30 pm	<p>BigClouT: Big Data Meets Cloud of Things to Improve Quality of Experience of Citizens and Visitors</p> <p>Smart Cities/Communities: Grenoble, France; Fujisawa, Japan; Bristol, UK; Tsukba, Japan <i>Levent Gürgen, R&D Project Manager, CEA - French Commission for Atomic and Alternative Energies</i></p>
1:30 – 1:40 pm	<p>Improving Cross Departmental Communications, Operational Efficiencies and Customer Interaction: Smart Cities Dashboard in the City of Bellevue, Washington</p> <p>Smart Cities/Communities: Bellevue, Washington <i>Brian Pugliese, Smart Water Infrastructure & Technology Project Manager, City of Bellevue</i> <i>Ken Thompson, Global Practice Leader for Smart Cities and Smart Sensors, CH2M</i></p>
1:40 – 1:50 pm	<p>Special Session: Smart Agriculture and Smart Rural Communities Super Cluster Preview</p> <p>Smart Cities/Communities: Super Cluster Preview <i>Jean Rice, Senior Broadband Program Specialist, NTIA /BroadbandUSA</i> <i>Matt Quinn, Sr. Advisor, Health Technology, Health Resources and Services Administration</i> <i>Hans Reiner, Council Member, Montgomery County, Maryland</i> <i>Kelly Wismer, Public Relations Manager, NTCA-The Rural Broadband Association</i></p>
1:50 – 2:00 pm	<p>Applying Open Data to Inform Future Smart City Design</p> <p>Smart Cities/Communities: Kansas City, Missouri <i>Dominique Davison, Founder, CEO PlanIT Impact, Kansas City, MO</i></p>
2:00 – 2:10 pm	<p>City Platform Dashboard</p> <p>Smart Cities/Communities: Kansas City, Missouri <i>Speaker TBD</i></p>
2:10 – 2:20 pm	<p>Saitama Smart Town: Smart Community Information Platform for Providing Future Town Services</p> <p>Smart Cities/Communities: Saitama, Japan <i>Hiroaki Nishi, Professor/Chairperson, Keio University/Misono Town Management Association, Inc.</i></p>

Global City Teams Challenge EXPO

Walter E. Washington Convention Center • August 28-29, 2017

ACTION CLUSTER SPEAKER LINEUP, TRACK 4: ROOM 146A

TUESDAY, AUGUST 29, 2017 1:00 – 5:00 pm

2:20 – 2:30 pm	<p>Connecting Communities with Public Wi-Fi, Technology and Tourism Mobile Applications</p> <p>Smart Cities/Communities: Schenectady, New York <i>Speaker TBD</i></p>
2:30 – 2:40 pm	<p>Open Platform for Scalable and Multi-Domain IoT Applications for Smart Cities (formerly Prevention of Environmental Disasters in the City through Data Mining)</p> <p>Smart Cities/Communities: Italy; Genoa Municipality, Milan Municipality, Torino Municipality <i>Speaker TBD</i></p>
2:40 – 3:00 pm	<p>BREAK</p>
3:00 – 3:10 pm	<p>ROSE - Real Time Operational Smart Grid for Europe</p> <p>Smart Cities/Communities: Genova, Italy <i>Alessandro Riccardi, Technical Specialist & Delivery Manager, Municipality of Genoa/MAPS S.p.A.</i></p>
3:10 – 3:20 pm	<p>Taipei Smart City Living Lab – Government as a Platform</p> <p>Smart Cities/Communities: Taipei City, Taiwan (Department of Information Technology) <i>Speaker TBD</i></p>
3:20 – 3:30 pm	<p>Environmental Sensing Across the Metro DC Region (formerly PA2040 Environmental Sensing)</p> <p>Smart Cities/Communities: Washington, District of Columbia <i>Gregory Toth, Director, IoT Dev Labs</i> <i>Don DuRousseau, Director, Research Technology, George Washington University</i></p>
3:30 – 3:40 pm	<p>PowerMatcher Blockchain Action Cluster in the Philippines</p> <p>Smart Cities/Communities: Manila, Philippines <i>William J. Miller, MaCT USA</i></p>
3:40 – 3:50 pm	<p>PA2040 Public Wi-Fi</p> <p>Smart Cities/Communities: Washington, District of Columbia <i>Anil Sharma, Chief Network Officer, Washington, DC</i></p>
3:50 – 4:00 pm	<p>Low Carbon Island and Smart Bay Project</p> <p>Smart Cities/Communities: Penghu County, Taiwan <i>Daniel Hung, Tung-Lin, Senior Executive Officer, Penghu County Government, Taiwan</i></p>
4:00 – 4:10 pm	<p>Tech-Secure City</p> <p>Smart Cities ROSE/Communities: New Taipei City, Taiwan <i>Speaker TBD</i></p>
4:10 – 4:20 pm	<p>An Open Architecture IoT Platform for a Sustainable Smart City</p> <p>Smart Cities/Communities: Arlington County, Virginia; City of Alexandria, Virginia <i>John Morrill, Energy Manager, Arlington County, VA</i> <i>Saifur Rahman, Founder and CEO, BEM Controls</i></p>
4:20 – 4:30 pm	<p>City Insight Platform – Communities in Context</p> <p>Smart Cities/Communities: City of New York, NY <i>Speaker TBD</i></p>

Global City Teams Challenge EXPO

Walter E. Washington Convention Center • August 28-29, 2017

ACTION CLUSTER SPEAKER LINEUP, TRACK 4: ROOM 146A

TUESDAY, AUGUST 29, 2017 1:00 – 5:00 pm

4:30 –
4:40 pm

Using Real-Time Traffic Data to Improve Civic Transportation Services

Smart Cities/Communities: Chapel Hill, North Carolina
Roger Hodskins, VP of Strategic Alliances, OpenDataSoft