GLOBAL CITY TEAMS CHALLENGE

Smart and Secure Cities and Communities Challenge EXPO

PROGRAM GUIDE

JULY 11-12, 2019

Walter E. Washington Convention Center, Washington, DC

Co-Hosted by:

NIST National Institute of Standards and Technology

Homeland Security Science and Technology

NTIA National Telecommunications & Information Administration

With U.S. Federal Government Partners:

International Trade Administration

NASA

HRSA Health Resources & Services Administration

United States Postal Service

In Partnership With:

Technology Association of Oregon

Joint Venture Silicon Valley

rsci regional smart cities initiative

TIA

FIWARE

WeGO World Smart Sustainable Cities Organization

NARC Building Regional Communities

EastWest Institute

Adaptable Security

Agenda

DAY 0: WEDNESDAY, JULY 10, 2019

2:00 pm – 7:00 PM	**Exhibitor Move In**
9:00 am – 5:00 PM	**Pre-conference Meetings and Workshops hosted by Partners**

DAY 1: THURSDAY, JULY 11, 2019 Registration 8:00 am – 5:00 pm

9:00 –11:00 AM	**Opening Plenary Session**	**ROOM 151AB (Overflow Room 150B)**

9:00 AM **Welcome**

Chris Greer, Director, Smart Grid and Cyber-Physical Systems Office, National Institute of Standards and Technology (NIST)

9:05 AM **Keynote**

Diane Rinaldo, Assistant Secretary, National Telecommunications and Information Administration (NTIA), Department of Commerce (Acting)

9:20 AM **Special Remarks**

Brendan Boyle, Congressman (PA-02), U.S. House of Representatives

9:30 AM **Smart Regions Panel Discussion**

Lily Mei, Mayor, City of Fremont, California, USA
Leslie Wollack, Executive Director, National Association of Regional Councils (NARC)
Jack McDougle, President and CEO, Greater Washington Board of Trade
Zack Huhn, Chairman, Smart Regions Initiatives (Moderator)

10:00 AM **Special Remarks** (introduction by Gary McCarthy, Mayor, City of Schenectady, NY)

Paul Tonko, Congressman (NY-20), U.S. House of Representatives

10:10 AM **International Perspectives Keynotes**

Wen-Tsan Cheng, Mayor, City of Taoyuan, Taiwan
Bernard Dy, Mayor, City of Cauayan, Philippines
Ulrich Ahle, CEO, FIWARE Foundation

10:40 AM **Super Cluster Lightning Introduction**

11:00 AM **Move to Breakout Sessions**

PARALLEL BREAKOUT SESSIONS* (Theme allocation and timing subject to change.)

	Session 1 ROOM 150A	Session 2 ROOM 152A	Session 3 ROOM 150B	Session 4 ROOM 156	Session 5* Room 151A	Session 6* Room 151B
TRACK 1 11:10 AM – 12:30 PM	**Transportation Super Cluster**	**Public Safety Super Cluster**	**Smart Regions Collaborative**	**Data Super Cluster**	**Wireless Super Cluster**	**Cybersecurity & Privacy Committee**
TRACK 2* 12:30 – 1:30 PM	**5G Reality Check: Deployment, Safety, Security**	**Healthcare** (by Health Resources & Services Administration/ HRSA)	**Smart States** (by National Governors Association)	**Data Super Cluster** (Extended)	**Knowledge/ Technology Platform**	**Inclusivity & Privacy** (by National Telecom. and Information Administration/ NTIA)
PANEL 1:30 – 3:30 PM			**Panel on Finance & Funding** (by NTIA)			

*Speaker Lineup and Timing for Breakout Sessions follows main agenda.
Sessions 5 and 6 start at 11:30 AM and go to 1:50 PM to accommodate adjustments to room setup.

1:30 PM	**LUNCH (on your own)**	
1:30 – 5:00 PM	**EXHIBITS OPEN**	**EXHIBIT HALL C**

DAY 1: THURSDAY, JULY 11, 2019 (continued)

Find descriptions of Panels and other meetings after the main agenda.

"BIRDS OF A FEATHER" PARALLEL BOOTH SESSIONS

3:00 – 4:00 PM	4:00 – 5:00 PM			
Data Super Cluster Meeting	**ASEAN Smart City Networking Event**	**Smart Building Super Cluster Meeting**	**Agriculture and Rural Super Cluster Meeting**	**Smart Regions Collaborative Meeting**
Exhibit Booth #415	**Exhibit Booth #409**	**Exhibit Booth #219**	**Exhibit Booth #301**	**Exhibit Booth #211**

5:00 – 6:30 PM
Room 150B

Evening Panel and Reception – Open to All Attendees

Smart and Safe - Risk Reduction in Tomorrow's Cities

Hosted by the EastWest Institute in partnership with Microsoft and Unisys

(Open to Public, Complimentary Registration: https://on.ewi.info/2Kzixlz)

DAY 2: FRIDAY, JULY 12, 2019 Registration 8:00 am – 3:30 pm

9:00 AM –11:00 PM **Plenary Session** **ROOM 151AB (Overflow Room 152A)**

9:00 AM **Welcome Back and Recap**

Christos Papadopoulos, Program Manager, Science and Technology Directorate, U.S. Department of Homeland Security (DHS S&T)

9:05 AM **Keynote**

André Hentz, Deputy Under Secretary, DHS S&T (Acting)

9:20 AM **Security and Privacy Panel (DHS)**

10:00 AM **Mayors Keynote Panel Discussion**

Gary McCarthy, Mayor, City of Schenectady, New York, USA
Pauline Cutter, Mayor, City of San Leandro, California, USA
Ben Walsh, Mayor, City of Syracuse, New York, USA
Joel Robideaux, Mayor-President, City of Lafayette, Louisiana, USA
Jean Rice, Senior Broadband Specialist, NTIA (Moderator)

10:45 AM **Smart States Overview**

National Governors Association

10:55 AM **Move to Breakout Sessions**

11:10 AM – 12:30 PM **PARALLEL BREAKOUT SESSIONS*** (Theme allocation and timing subject to change.)

*See Speaker Lineup for Breakout Sessions following the main agenda.

Session 1 ROOM 150A	Session 2 ROOM 150B	Session 3 ROOM 152A	Session 4 ROOM 152B
Smart Buildings Super Cluster Session	**Agriculture/Rural Super Cluster Session**	**Utility Super Cluster Session**	**Education Super Cluster Session**

12:30 AM – 3:30 PM **EXHIBITS OPEN EXHIBIT HALL C**

12:30 PM **LUNCH (on your own)**

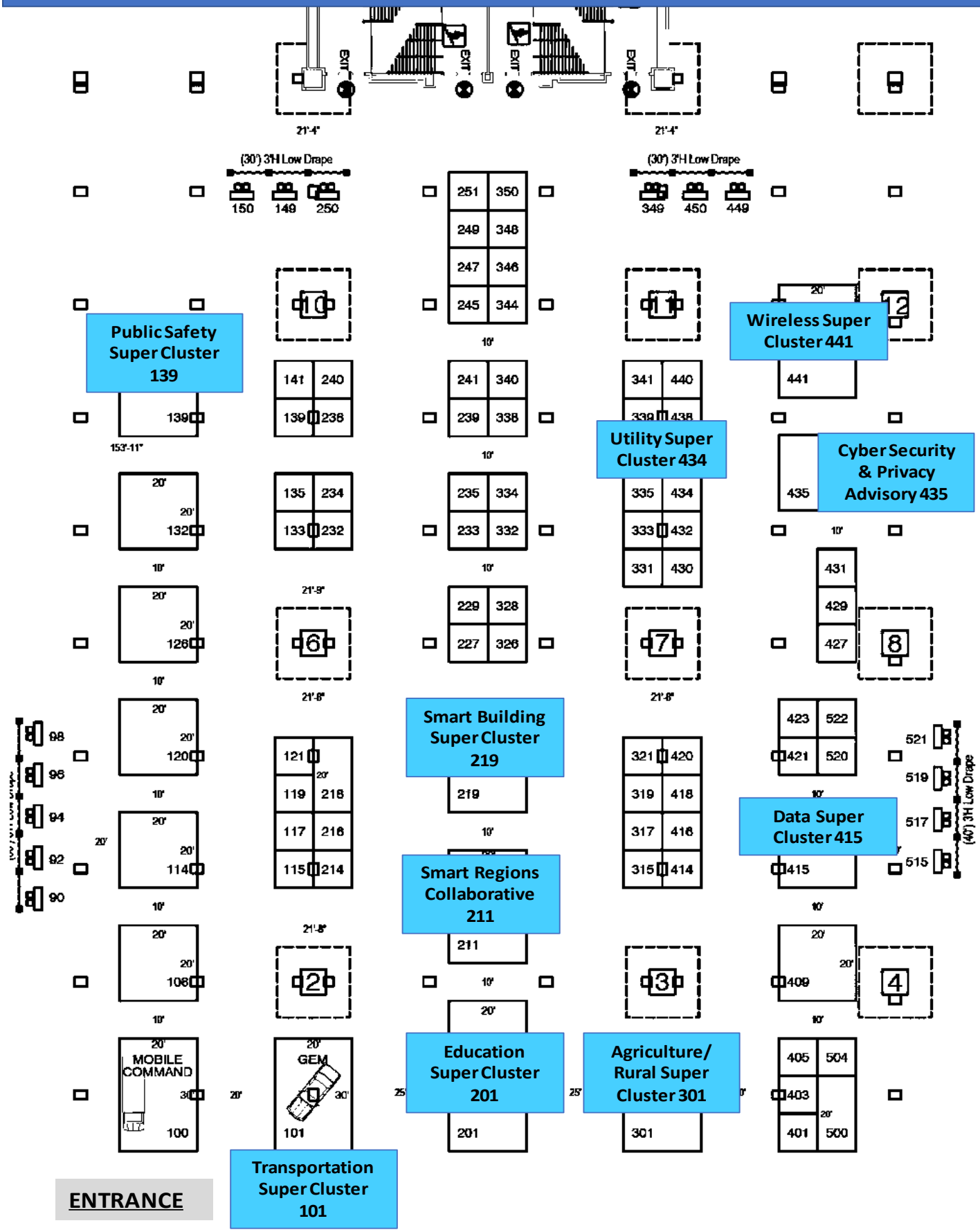
"BIRDS OF A FEATHER" PARALLEL BOOTH SESSIONS

1:00 – 2:00 PM

Procurement (Smart Regions Collaborative Booth)	Health and Thriving Communities (Ag & Rural Booth)
Exhibit Booth #211	**Exhibit Booth #301**

3:30 PM **CONFERENCE ADJOURNS**

EXHIBITOR MAP EXHIBIT HALL C



Company	Booth Number	Company	Booth Number
13 Consortium	449	Fybr	421
360 Network Solutions	521	Galway Smart City	401
Advanced Flood Warning	403	Genetec	317
Aging in Style, Southwest Neighborhood Assembly	517	Greater Washington Smart Region Movement	520
Agricultural and Rural Super Cluster (ARSC)	301	Gyeonggi Open Platform for Smart City (GO・PS)	218
AIG	139	IDC	96
Aimsun	141	International Access Corporation	98
Anatomy of a Smart City (City of Schenectady)	333	IoT Enabled Smart City Workshop for City	405
U.S. – ASEAN Smart Cities Partnership	409	Iowa State University	150
ASVDA Taiwan Smart Cities	126	IPgallery	334
Axis Communications	414	Jacobs	108
BEM Controls, Inc.	216	Juniper Networks	335
CinDay (Cincinnati-Dayton) Cyber Corridor	90	Lafayette, Louisiana: Innovation with an Accent	505
City of Coral Gables	238	LOTaDATA	214
City Tech Collaborative	92	Louisiana Tech. Univ./City of Ruston	133
Civic Software Foundation	115	Map901	344/346
CommScope	315	National Institute of Information Communications (NICT), Japan	135
Concorde Technologies Inc.	100	NIST GCTC Action Cluster Saudi Arabia (TBD)	132
Council of the Great Lakes Region	117	Nokia	438
CryptoMove	119	NTELS/SUWON CITY	235
Cyber Resilience Planning *(formally Adaptable Security)*	431	NTIA, BroadbandUSA	247
Cybersecurity and Privacy Advisory Committee (Super Cluster)	435	NTT DATA	227
Data Super Cluster (DSC)	415	Open City Labs	440
Databuoy	240	Otarris	TBD
DC Asset Mgmt. Lab at the Univ. of the District of Columbia	94	PA Department of Agriculture	TBD
Dell Technologies	229	Palo Alto Networks	522
Deloitte Consulting	121	Paradox Engineering – MinebeaMitsumi Group	251
DHS Science and Technology	234	Paramount Planet Product	348
DLT Solutions	319	Project GRACE	339
EastWest Institute	149	Public Safety SuperCluster (PSSC)	139
Eaton Lighting	416	Relax, Recharge, Retreat LLC	500
Ecube Labs	321	RoadBotics and City of Cumberland, MD	341
Education Super Cluster (ESC)	201	Rural Telehealth Initiative	515
EnerNex	519	Saitama City Smart Community Project	340
Enterprise Infrastructure Partners	430	Shulman Rogers	418
Fend, Inc.	331	Skayl	420
FIWARE	114		

Company Name	Booth Number
Smart Building Super Cluster (SBSC)	219
Smart Regions Collaborative Super Cluster	211
SmartWAVE Technologies	249
Soofa	232
SPIN Global	326
StormSense	338
Syracuse Univiversity Secure Cloud Architecture	429
Tech Exchange	450
Temboo	245
The Open Group	432
Transportaton Super Cluster (TSC)	101
Ubicquia	349
Underground Infrastructure Monitoring	328
United States Postal Service	239
Upsouth, Auckland Council, New Zealand	423
Utility Super Cluster (USC)	434
Vorbeck Materials	241
Wabash Heartland Innovation Network and Purdue University	TBD
Wiomax	332
Wireless SuperCluster (WSC)	441
World Smart Sustainable Cities Organization (WeGO)	120

DAY 0 MEETING (OPEN TO PUBLIC)

PRE-CONFERENCE WORKSHOP WEDNESDAY, JULY 10, 2019 4:15 pm – 5:30 pm

ROOM 150A FIWARE Workshop *Hosted by FIWARE*

Discover how FIWARE is driving the de-facto standards needed for the creation of a sustainable global market for Smart Cities! Connected to the Action Cluster proposal presented by the FIWARE Foundation, the workshop will highlight the overall FIWARE vision and value proposition for Smart Cities, as well as present the collaboration activities with the World Economic Forum and TM Forum. In addition, it will touch upon the FIWARE Smart Cities showcase program: the basis and how to join. Register now for free!

DAY 1 BREAKOUT SESSION SPEAKER LINE-UP Thursday July 11, 2019

TRACK 1: *11:10 AM – 12:30 PM*

SESSION 1 ROOM 150A

Transportation Super Cluster 11:10 AM – 12:30 PM

Chairs/Moderators: Wilfred Pinfold, Urban Systems; Skip Newberry, Technology Associates of Oregon

Empowering Ruston City Services Using Wireless Sensor Networks for an Environmental and Transportation Monitoring System: *Benjamin Drozdenko, Assistant Professor of Cyber Engineering and Computer Science, Louisiana Tech University*

Empowering Walkable and Bikeable Communities using Smart Decision Support System (DSS) Integrated with Vehicle-to-Everything (V2X) Communication: *Eugene W. Grant, Mayor, City of Seat Pleasant, Maryland, USA; Z. Jenipher Wang, CEO, Wiomax*

Wireless (LTE) Traffic Signal Control System Using IoT Technology for All Crossroads: *Min Kim, Traffic and ITS Engineer, Gunpo City, South Korea*

Big Data and Artificial Intelligence for Road Infrastructure Sustainability: *Nikhil Ranga, Director of Product & Customer Experience, Roadbotics; Robert Smith, Director of Engineering, City of Cumberland, MD*

Full Functioned Autonomous Driving Development Park in Taiwan: *Ying-Fan Lin, Associate Manager from Kingwaytek Technology Co., Ltd.*

Thriving Communities: Promoting Quality of Life for all Ages and the Role of Transportation: *Thomas Doherty - Clinical and Organizational Psychologist, Sustainable Self*

Public Private Partnerships to Support Transportation Infrastructure (invited talk): *Hurst Renner - Manager, Public Policy & Smart City Partnerships, Rubicon*

Use of Transportation Data to Encourage more Trips on Transit, by Bike, on Foot: *Wilfred Pinfold - President, OpenCommons*

SESSION 2 ROOM 152B

Public Safety Super Cluster 11:10 AM – 12:30 PM

Chairs/Moderators: W Michael Dunaway, U. of Louisiana, Lafayette; Dean Skidmore, IoT+LTE Consulting; Brenda Bannan, George Mason University

Smart City IoT Innovation (SCITI) Perspectives (invited talk): *David Ihrie, Center for Innovative Technology; David Heyman, Smart City Works; Brenda Bannon, George Mason University*

DHS Perspective and Priorities for Action Clusters (Invited talk): *Jeff Booth, DHS S&T Directorate*

GCTC Perspectives from the Private Sector (Invited talk): *Scott Tousley, Splunk, Inc.*

Smart Wide Area Protection & Security for All from Concorde Security: *Ben Ng, Head USA, Concorde USA*

Nervenet: Regional Resilient IoT Platform for Smart Cities and Towns: *Masugi Inoue, National Institute of Information and Communications Technology*

The NTT Smart Vegas Cities Solution for the City of Las Vegas: *Ashwini Chharia, Senior Director, NTT DATA, Inc.*

StormSense: *Kyle Spencer, Deputy Resilience Officer, City of Norfolk, VA, USA*

Public Safety Super Cluster Blueprint Update (invited talk): *Dean Skidmore, PSSC CO-Chair, IoT+LTE Consulting Group, Inc.*

DAY 1 BREAKOUT SESSION SPEAKER LINE-UP Thursday July 11, 2019

SESSION 3 ROOM 150B

Smart Regions Collaborative 11:10 AM – 12:30 PM

Chair/Moderator: Jean Rice, NTIA

Smart Regions Collaborative Kickoff: *Zack Huhn, Chairman Smart Regions Initiative*

Tri-State Region (PA, WV, OH) Food System Project: *Scott J. Sheely, Special Assistant, Pennsylvania Department of Agriculture; Mark Critz, Executive Director, PA Rural Development Council*

Wabash Heartland Innovation Network (WHIN) – Advancing Agriculture and Manufacturing via IoT: *Johnny Park, CEO, Wabash Heartland Innovation Network (WHIN)*

Lake Tahoe Basin End Warning System and Bi-State Next Gen 911 Dispatch and Traffic Management Center: *Danielle Hughes, Capital Program Manager, Tahoe Transportation District*

The Great Lakes Smart and Sustainable Cities Cluster: *Jeffrey Leonard, City Administrator, City of Defiance, OH*

Supercomputer Modeling and Artificial Intelligence Cluster for Smart Cities and Regions: *Eric Drummond, CEO and Founder, Innovation Corridor; Matthew James Bailey, Global Leader in Smart Cities / President, Powering IoT*

Greater Washington Smart Region Movement: *Karl Darin, VP & Program Lead, Greater Washington Board of Trade*

Portland/Seattle/Vancouver Area Smart Region Initiative: *Jonathan Fink, Portland State University*

Smart Regions Initiative, Silicon Valley*: Jonathan Fink, Professor of Geology, Director, Digital City Testbed Center, Portland State University*

The Mid-Ohio Smart Region Task Force:*Thea Walsh, Senior Director*

SESSION 4 ROOM 156

Data Super Cluster 11:10 AM – 1:10 PM

Chairs/Moderators: Alex Huppenthal, Aspenworks, Ltd.; Jason Whittet, 100 Resilient Cities; Scott Tousley, Splunk, Inc.; Aaron Deacon, KC Digital Drive

Project GRACE (Graceful Remediation with Authenticated Certificateless Encryption) – Towards a Secure Internet: *Kang-Wei Woo, Executive Director, QuantumCIEL, Singapore*

Japan's Smart Cities Efforts and Saitama Smart Town: *Tomohiro Ushiyama, Deputy Director-General for International Economic Affairs, Global Strategy Bureau, Ministry of Internal Affairs and Communications, Japan; Hiroaki Nishi, Professor and Chairperson, Keio University / Misono Town Management Association, Inc.*

Coral Gables Smart City Hub Public Platform: *Eduardo "Ed" Santamaria, Assistant City Manager, City of Coral Gables, FL, USA; Raimundo Rodulfo, Director of Information Technology, City of Coral Gables, FL, USA*

I3 Consortium: *Jerry Power, Executive Director CTM and Founding Member of I3 Consortium, USC*

Cybersecurity Use Case Analysis (Invited Talk): *Aaron F. Snyder, Director of Grid Technology Consulting, Enernex; Frances Cleveland, Xanthus Consulting*

Implementation of Moving Target Data Protection to Secure Smart Lights and Sensors: *Nick Shook, Software Engineer, CryptoMove*

Seoul Blockchain Platform for Transparent and Efficient Municipal Administration: *Speakers TBD*

LotaData CityDash / CityGraph Data Analytics Platform: *Apu Kumar, Co-Founder and CEO LotaData*

Presentation of Rural IoT Solution from Rural Ag: *Mo Shakouri, Director, Community Broadband Initiative, Joint Venture Silicon Valley*

US Ignite: *Nick Maynard, PhD, Chief Strategy Officer, US Ignite*

FiWare Open Data Platform / Partner Overview: *Juanjo Hierro, CTO FIWARE*

Q/A DSC Resources; Wrap up and Q&A: *Moderators Scott Tousley, Aaron Deacon, Alex Huppenthal*

DAY 1 BREAKOUT SESSION SPEAKER LINE-UP Thursday July 11, 2019

SESSION 5 ROOM 151B

Wireless Super Cluster 11:30 AM – 12:50 PM

Chairs/Moderators: David Witkowski, Joint Venture Silicon Valley; Jon Walton, San Mateo County, CA; Tony Batalla, City of San Leandro, CA; Benny Lee, San Mateo County, CA

Wireless Super Cluster IoT Blueprint Presentation: *Tony Batalla, City of San Leandro, CA, USA*

East Palo Alto Neighborhood Innovation Zone: *Jon Walton, CIO, County of San Mateo, CA*

Galway Smart City: Light Pollution, Air Quality and Noise Monitoring Smart System - IoT Based: *Shivakumar Mathapathi, CTO, Dew Mobility / Faculty, Santa Clara University, CA*

Palo Alto Networks Presentation (invited talk): *Tom Williams*

Acoustic Monitoring at the Edge: *Tom Darbonne, Director of Applications Engineering, AudioT*

Smartwave Technologies (invited talk): *Al Brown, CEO Smartwave Technologies*

Edge-Computing for 5G: *Speaker TBD, Intel*

SESSION 6 ROOM 151A

Cybersecurity and Privacy Super Cluster 11:30 AM – 12:50 PM

Chairs/Moderators: Lan Jenson, Adaptable Security; Christos Papadopoulos, U.S. Department of Homeland Security; Scott Tousley, Splunk, Inc.

A GCTC Consiglieri Discussion

Maryam Rahmani, Cybersecurity and Privacy Advisory Committee; Principal, Maryam Rahmani LLC

Christos Papadopoulos, Department of Homeland Security S&T

Scott Tousley, Cybersecurity and Privacy Advisory Committee; Senior Cybersecurity Executive, Splunk

Jacob Margolis, Chief Information Security Officer, Metropolitan Water District of Southern California

Richard Tracy, Senior VP and Chief Security Officer, Telos

From Desire to Actionable Plan: A Cybersecurity Model for Smart Secure Cities Initiatives: *Benny Lee, Cybersecurity and Privacy Advisory Committee; Public Wi-fi Program Director, San Mateo County, USA; Carmen Marsh, Cybersecurity and Privacy Advisory Committee; CEO, Intelligenca Inc.; Michael Kaiser, Board of Directors, Adaptable Security*

Towards A Cloud Privacy Security Rights Inclusive Architecture: Introducing the SC3-cpSria (pronounced 'Sreea"") Secure Cloud Architecture Action Cluster and the Syracuse SURGE: *Sam Edelstein, Chief Data Officer, City of Syracuse; Yusuf Saadiq Abdul Qadir, Director, New York Civil Liberties Union; Lee W McKnight, Associate Professor, School of Information Studies, Syracuse University*

Building Human Centered Smart City: *Yi-Chen Chu, CEO of BiiLabs*

Equity in Cybersecurity Training: A New Collaborative Pilot in Chicago: *Frank Downs, Director/SME Cybersecurity Practices, ISACA; Meera Raja, Manager of Solution Design & Program Development, City Tech Collaborative; Natasha Green, Global Community Manager, AnitaB.org*

DAY 1 BREAKOUT SPEAKER SESSION SPEAKER LINEUP July 11, 2019

TRACK 2: *12:30 – 1:30 PM*

SESSION 1 ROOM 150A

5G 12:30 – 1:30 PM

Chair/Moderator: Jeffrey Booth, U.S. Department of Homeland Security

Panel Session: 5G Reality Check: Deployment, Safety, Security

The next generation of high speed, low latency network known as 5G is steadily rolling out across the United States, and around the world. For municipalities, much needs to be done to ready infrastructure to deploy 5G. This "densification" effort is complex and takes investment in time and resources. Upcoming high bandwidth capabilities offer new opportunities in public and private services, public safety, transportation and more. Data ownership, privacy and management are now areas local governments need to navigate. Security of networks as they become more interwoven and vulnerable through an expanded threatscape of IoT devices becomes of paramount importance.

This panel discussion will address key questions facing the public sector as it deploys 5G, including: Why the public sector should care about 5G infrastructure and utilization. How municipalities can gain the most from such deployment while keeping in mind lessons learned thus far. Managing the conversation with municipalities and communities regarding 5G deployment impact on health, aesthetics and other questions. How to manage supply chain risk and security. The implications of shared spectrum. Data ownership and management. Securing 5G network hardware and software. The impact of 5G on public safety from location to First Responder support.

Panelists:

Moderator: Jeff Booth, DHS Science & Technology Directorate
Keith Gremban, Director of the Institute for Telecommunication Sciences (ITS), NTIA
Jim Houchens, Chief Engineer, Intelligence Programs, MITRE Corporation
Mayor Lily Mei, City of Fremont, California
Nicholas Nilan, Director, Product Development, Public Sector, Verizon Business Group

SESSION 2 ROOM 152A

Healthcare (hosted by HRSA) 12:30 – 1:30 PM

Chair/Moderator: Matthew Quinn, Health Resources and Services Administration

Panel Session: The Promise of IoT for Rural Health (and Beyond)

Moderator: Matt Quinn, Sr. Advisor, Health Technology, HRSA
Thomas Joseph Doherty, Psy.D, Licensed Psychologist, Sustainable Self, LLC
Sarah Tyree, Vice President, Policy and Public Affairs at CoBank
Brian Scarpelli, Senior Global Policy Counsel, Connected Health Initiative, ACT
John Putnam, Smart Cities Program Manager, Cincinnati Bell
Penny Chase, Senior Principal Scientist, Cybersecurity, MITRE

SESSION 3 ROOM 150B

Smart States 12:30 – 1:30 PM

Chair/Moderator: Daniel Lauf, National Governors Association (NGA)

Smart Communities Challenge: *Debra Lam, Managing Director, Smart Cities and Inclusive Innovation, Georgia Tech*

Pennsylvania Rural Development Council: *Mark Critz, Western Regional Director Pennsylvania Department of Agriculture*
Joe Zilka, Sr. Manager, Government Solutions Manager, SAS

DAY 1 BREAKOUT SPEAKER SESSION SPEAKER LINEUP July 11, 2019

SESSION 5 ROOM 151B

Knowledge/Technology Platform 12:50 – 1:50 PM

Chair/Moderator: Albert Graves, World Smart Sustainable Cities Organization

Taipei Smart City Programme/GO SMART: *Hsin-Lun Tsai, Research Fellow of Taipei Smart City Project Management Office*

FIWARE: *Juanjo Hierro, CTO, FIWARE Foundation*

Leading Cities: *Michael Lake, President & CEO, Leading Cities*

GO·PS (Gyeonggi Open Platform for SmartCity): *Tae-Kyung Kim, Research Fellow, Gyeonggi Research Institute (GRI), South Korea*

WeGO: *Albert Graves, Program Director, World Smart Sustainable Cities Organization*

Breaking the Code: The UN-hackathon: *Thomas J. Doherty, Psy.D., Licensed Psychologist, Sustainable Self, LLC*

SESSION 6 ROOM 151A

Inclusivity & Privacy Session (hosted by NTIA) 12:50 – 1:50 PM

Chair/Moderator: Aimee Mecham, Chief, Eternal Affairs Broadband USA, NTIA

Panel Session: The Smart and Respectful City: How to Handle Issues of Privacy and Trust

Panelists:

Moderator: Aimee Mecham, Chief, Eternal Affairs Broadband USA, NTIA

Travis R. Hall, Telecommunications Policy Specialist, NTIA

Kelsey Finch, Senior Policy Counsel, Future of Privacy Forum

Denise Linn Riedl, Chief Innovation Officer, Department of Innovation and Technology, South Bend, IN

Lee W.McKnight, Associate Professor in the iSchool (The School of Information Studies), Syracuse University

Erin Kenneally, Program Manager, the Cyber Security Division for the Homeland Security Advanced Research Projects Agency at the DHS Science & Technology Directorate.

PANELS and TOPICAL MEETINGS (OPEN TO PUBLIC)

THURSDAY, JULY 11, 2019 1:30 pm – 6:30 pm

ROOM 150 B Funding and Financing Session

Hosted by National Telecommunications & Information Administration

1:30 – 2:30 PM Funding and Financing Panel

Moderator: Aimee Mecham, Chief, External Affairs, NTIA, Broadband USA

Meghan Houghton, Senior Advisor for Strategic Engagements, National Science Foundation

Jeanne Miliken Bonds, Senior Manager, Community Development, Federal Reserve Bank of Richmond

Oliver Kroner, City of Cincinnati OES

Eric Drummond, Chair, Colorado Venture Capital Authority, CEO Innovation Corridor

2:30 – 3:20 PM Innovative Business Modeling Panel

Moderator: Don Williams, Senior Program Specialist for Broadband Development, NTIA

Jon Walton, CIO of San Mateo County (confirmed);

Jay Nath, City Innovate

Seema Alexander, Lexden Capital

Chris Rezendes, Chief Business Officer at Spherical Analytics

"BIRDS OF A FEATHER" MEETINGS Exhibit Hall C

Feel free to join the open discussion with Super Cluster members on shared topics

EXHIBIT BOOTH #415 3:00 – 4:00 PM Data Super Cluster

EXHIBIT BOOTH #301 4:00 – 5:00 PM Agriculture and Rural Super Cluster

EXHIBIT BOOTH #219 4:00 – 5:00 PM Smart Building Super Cluster

EXHIBIT BOOTH #409 4:00 – 5:00 PM ASEAN Smart City Network Meet-and-Greet Meeting

Meet and Greet municipal officials from 26 cities in the ASEAN Smart City Network

ROOM 150B 5:00 – 6:30 PM Smart and Safe: Risk Reduction in Tomorrow's Cities Panel and Reception *Hosted by the EastWest Institute, in partnership with Microsoft and Unisys*

This panel will bring together representatives from the private sector, non-profit and city leadership to discuss the challenges cities face when deploying technology and smart solutions in urban environments. Speakers will share views on recommendations and best practices to manage the risks and reap the full potential of Smart Cities across four main areas: cybersecurity, public safety, privacy and data protection, and collaboration in governance. The discussion will be based around a 2019 report from the EastWest Institute, Microsoft and Unisys: Smart and Safe: Risk Reduction in Tomorrow's Cities. **Complimentary Registration:** https://on.ewi.info/2Kzixlz

Opening Remarks

Bruce W. McConnell, Executive Vice President, EastWest Institute

Panel Discussion (Followed by Q&A Session and Reception)

Mark Forman, Global Head, Public Sector, Unisy

Kimberly Nelson , Executive Director State and Local Government Solutions, Microsoft"

City Representative TBD

DAY 2 BREAKOUT SESSION SPEAKER LINE-UP

FRIDAY, JULY 12, 2019 11:10 AM – 12:30 PM

SESSION 1 ROOM 150A

Smart Buildings Super Cluster 11:10 AM – 12:30 PM

Chair/Moderator: Limor Schafman, Telecommunications Industry Association

IoT & AI-based Smart Energy Management System for Smart City: *Changsoo Park, General Manager, NTELS Co, ltd*

Point Cloud MAP901, Building Rich Interior Hazard Maps for First Responders: *Mike Rodriguez CIO, City of Memphis, TN*

Anatomy of a Smart City: *Mayor Gary R. McCarthy, City of Schenectary, NY, USA; John P. Coluccio,City of Schenectary, NY*

Connectivity – Empower your Smart Buildings: *Ronna Davis, LEED Green Associate, Strategy and Technology, Enterprise Product Management, CommScope, Inc.*

Smart Cities/Safer Buildings – Technologies that Save Money…and Lives: *Jeffrey Booth, Director, Sensors and Platforms Technology Center, Science & Technology Directorate, U.S. Department of Homeland Security*

Smart Buildings – Improving Organizational Productivity: *Limor Schafman, Senior Director, Smart Buildings Program, TIA*

Transportation: *Yuri Gawdiak, Airspace Operations & Safety Program Associate Director, Aeronautics Research Mission Directorate, National Aeronautics and Space Administration (NASA)*

City Services and Utilities: *John P. Coluccio, Signal Superintendent, City of Schenectady, NY*

SESSION 2 ROOM 150B

Agriculture/Rural Super Cluster 11:10 – 12:30 PM

Chairs/Moderators: Josh Seidemann, NTCA-The Rural Broadband Association; Gabriel Youtsey, U. of California, Agriculture/Natural Resources; Mo Shakouri, Joint Venture Silicon Valley

Virtual Care Delivery Model to Sustainably Expand Capacity & Reach of Health Systems to Deliver High-Quality Care in Rural Communities: *Sarah B. Tyree, Vice President, Policy and Public Affairs, CoBank; Anshu Vaish, President & CEO, Perry Health*

Wireless Living Lab for Smart Agriculture and Rural Communities: *Hongwei Zhang, Associate Professor of Electrical and Computer Engineering, Iowa State University*

"575-HOPE" – A Technology Solution to Address Preparedness, Response and Recovery from Opioid and all Types of Addiction: *John Putnam, Smart Cities Program Manager, Cincinnati Bell*

Farm to Fork Crop Tracking: *Wilfred Pinfold, Urban Systems*

Device Identity and Device Integrity: Embedded Security Extending PKI: *Jason Soroko, CTO IoT, Sectigo*

SESSION 3 ROOM 151A

Utility Super Cluster – Energy, Water, and Waste Management 11:10 AM – 12:30 PM

Chair/Community: Pete Tseronis, Dots and Bridges, LLC.

Global, High Impact Energy Efficiency: *Joe D'Agostino, President, Enterprise Infrastructure Partners*

Smart Waste Management & Logistics: *Paul Park - Global Business Development Manager, Ecube Labs*

Gyeonggi Provincial Virtual Power Plant in GOPS (Gyeonggi Open Platform for SmartCity): *Ilhan Ham, CEO & Founder, H Energy Co., Ltd.*

Transactive Energy for Smart Cities: *William J. Miller, MaCT USA*

Fireside Chat with the Utility Super Cluster Task Force

Pete Tseronis, CEO, Dots and Bridges LLC

Ian Magazine, Strategy, Operations, and Finance Executive, Carnegie-Mellon

Kohlie Frantzen, Managing Partner, Helical Holdings

Jennifer Morrissey (invited), Manager, Smart and Sustainable Communities Think Tank, Dentons

DAY 2 BREAKOUT SESSION SPEAKER LINE-UP

SESSION 4 ROOM 151B

Education Super Cluster 11:10 AM – 1:40 PM

Chairs/Moderators: Derick Lee, Pilot City; Shannan Williams, NIST; Emy Tseng, NTIA

THEME: EDUCATION AND WORKFORCE

Cincinnati-Dayton Cyber Corridor: *Stephanie Keinath, Director, Public Policy & Economic Development, Dayton Ohio Area Chamber of Commerce; Tom Skill, Associate Provost and Chief Information Officer, Professor, University of Dayton*

World Digital School: *David Sandel, Founder, iNeighborhoods*

South Bend's Technology Resource Center: A Collaboration Platform for a Responsive, Inclusive Beta City: *Brian Donoghue, Director of Civic Innovation, South Bend, Indiana*

DC Asset Management Lab at the University of the District of Columbia – A Continuing Education Program for Professionals: *Michael Bordenaro, President, Asset Management Labs, LLC*

THEME: NEIGHBORHOODS AND COMMUNITIES

Smart Neighborhoods: *Seth Hubbert, Executive Director, Tech Exchange*

Augmented Neighborhood Watch: *Stephanie Hayden, CEO & Founder, Metropolitan Intelligence*

Smart Work Learn Play: Participatory Smart City Innovation and Digital Inclusion in Public and Subsidized Housing: *Catherine Crago, Head of Strategic Initiatives, Housing Authority of City of Austin*

UPsouth – A Primer on how Cities can Connect with Citizens to Build Resilient Communities and Strengthen Smart City Initiatives: *Priti Ambani, Chief Evangelist, UPsouth*

Connecting the Dots: Technology Enhanced Aging-in-Place for Residents of Waterfront Village, Washington, DC: *Marjorie Lightman, Partner, QED Associates Iic, Senior Fellow, WREI*

THEME: CIVIC ENGAGEMENT and DATA

Data Equity for Main Street - Bring Open Data to Communities through Public Libraries: *Anne Neville-Bonilla, Director, California Research Bureau, California State Library*

Smart City Diaries TV / Video Series: *Deborah Acosta, Smart City Diaries, C0-Host, Writer; Ann M. Marcus, Smart City Diaries Producer*

IoT-Enabled Smart City Workshop for City, Private and Public Communities: *Shivakumar Mathapathi, Faculty, Santa Clara University, CA; Vanessa Garrett, Deputy City Engineer, City of Rohnert Park, CA, USA*

CIVIC Data Platform: Data by the People, for the People: *Catherine Nikolovski, Executive Director, Civic Software Foundation; Michael Hanna, Multnomah County, OR*

SUPER CLUSTER NEXT STEPS

Derick Lee, Pilot City, and Shannan Williams, NIST

Smart and Secure Cities and Communities Challenge EXPO

Co-Hosted by:

NIST National Institute of Standards and Technology

Homeland Security Science and Technology

NTIA National Telecommunications & Information Administration

With U.S. Federal Government Partners:

International Trade Administration

NASA

HRSA Health Resources & Services Administration

United States Postal Service

In Partnership With:

Technology Association of Oregon

Joint Venture Silicon Valley

rsci regional smart cities initiative

TIA

FIWARE

WeGO World Smart Sustainable Cities Organization

NARC Building Regional Communities

EastWest Institute

Adaptable Security