Smart and Secure Cities and Communities Challenge EXPO

Walter E. Washington Convention Center. Washington, DC

GLOBAL CITY TEAMS CHALLENGE

NIST National Institute of Standards and Technology | Homeland Security Science and Technology | NTIA

Preliminary Agenda

DAY 0: WEDNESDAY, JULY 10, 2019

2:00 pm – 7:00 PM	**Exhibitor Move In**
9:00 am – 5:00 PM	**Sidebar Meetings and Workshops** (by invitation)

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

9:00 –11:00 AM	**Opening Plenary Session**	**ROOM 151AB**

9:00 AM	**Welcome**
	National Institute of Standards and Technology (NIST)
9:05 AM	**Keynote**
	Diane Rinaldo, Assistant Secretary, National Telecommunications and Information Administration, Department of Commerce (Acting)
9:20 AM	**Smart Regions Panel Discussion**
	Lily Mei, Mayor, City of Fremont, California, USA
	Leslie Wollack, Executive Director, National Association of Regional Councils (NARC)
	Zack Huhn, Chairman, Smart Regions Initiatives (Moderator)
	Additional Speakers TBD
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	**SuperCluster 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 – 1:50 PM	**5G Reality Check: Deployment, Safety, Security**	**Healthcare** (by Health Resources & Services Administration/ HRSA)	**Smart States**	**Data Super Cluster** (Extended)	**Knowledge/ Technology Platform**	**Inclusivity & Privacy** (by National Telecom. and Information Administration/ NTIA)
SIDEBAR 1:30 – 3:30 PM			**Sidebar 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 Sidebar Meetings after the main agenda.**

	"BIRDS OF A FEATHER" PARALLEL BOOTH SESSIONS			
3:00 – 4:00 PM	**Data SuperCluster Meeting** **Exhibit Booth #TBD**			

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

5:00 – 6:30 PM	**Evening Panel and Reception – Room 150B 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)*

Co-Hosted by:

With U.S. Federal Government Partners:

In Partnership With:

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

9:00 AM –11:00 PM	**Plenary Session** **ROOM 151AB**
9:00 AM	**Welcome Back and Recap**
9:05 AM	**Keynote**
	André Hentz, Deputy Under Secretary, U.S. Department of Homeland Security, Science and Technology Directorate (Acting)
9:20 AM	**Security and Privacy Panel (DHS)**
10:00 AM	**Special Remarks (tentative)**
10:10 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)
10:50 AM	**Smart States Overview (National Governors Association)**
11:00 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 TBD	Session 2 ROOM TBD	Session 3 ROOM TBD	Session 4 ROOM TBD
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 #TBD	Exhibit Booth #409

3:30 – 5:00 PM	**TBD (Possible Sidebar Meetings)**
3:30 PM	**CONFERENCE ADJOURNS**

BREAKOUT SESSION SPEAKER LINE-UP Thursday July 11, 2019

TRACK 1: *11:10 AM – 12:50 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

Action Cluster Speakers

11:10 AM	**Empowering Ruston City Services Using Wireless Sensor Networks for an Environmental and Transportation Monitoring System** **Smart City/Community**: City of Ruston, Louisiana, USA *Benjamin Drozdenko, Assistant Professor of Cyber Engineering and Computer Science, Louisiana Tech University*
11:20 AM	**Empowering Walkable and Bikeable Communities using Smart Decision Support System (DSS) Integrated with Vehicle-to-Everything (V2X) Communication** **Smart City/Community:** City of Seat Pleasant, MD, USA *Eugene W. Grant, Mayor, City of Seat Pleasant, Maryland, USA; Z. Jenipher Wang, CEO, Wiomax*
11:30 AM	**Wireless (LTE) Traffic Signal Control System Using IoT Technology for All Crossroads** **Smart City/Community:** Gunpo City, South Korea *Min Kim, Traffic and ITS Engineer, Gunpo City, South Korea*
11:40 AM	**Big Data and Artificial Intelligence for Road Infrastructure Sustainability** **Smart City/Community:** Cumberland, Maryland, USA *Nikhil Ranga, Director of Product & Customer Experience, Roadbotics; Robert Smith, Director of Engineering, City of Cumberland, MD*
11:50 AM	**Full Functioned Autonomous Driving Development Park in Taiwan** **Smart City/Community:** Taoyuan City, Taiwan *Ying-Fan Lin, Associate Manager from Kingwaytek Technology Co., Ltd.*

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

Action Cluster Speakers

11:10 AM	**DHS Perspective and Priorities for Action Clusters (Invited talk)** *Jeff Booth, DHS S&T Directorate*
11:20 AM	**GCTC Perspectives from the Private Sector (Invited talk)** *Scott Tousley, Splunk, Inc.*
11:30 AM	**Smart Wide Area Protection & Security for All from Concorde Security** **Smart City/Community:** Singapore *Ben Ng, Head USA, Concorde USA*

BREAKOUT SESSION SPEAKER LINE-UP Thursday July 11, 2019

11:40 AM	**Nervenet: Regional Resilient IoT Platform for Smart Cities and Towns** **Smart City/Community:** Shirahama Town, Wakayama Prefecture, Japan *Masugi Inoue, National Institute of Information and Communications Technology*
11:50 AM	**The NTT Smart Vegas Cities Solution for the City of Las Vegas** **Smart City/Community:** Las Vegas, NV, USA *Ashwini Chharia, Senior Director, NTT DATA, Inc.*
12:00 PM	**StormSense** **Smart Cities/Communities:** City of Newport News, City of Virginia Beach, City of Norfolk, City of Hampton, City of Portsmouth, City of Chesapeake, City of Williamsburg, and York County, VA, USA *Kyle Spencer, Deputy Resilience Officer, City of Norfolk, VA, USA*

SESSION 3 ROOM 150B

Smart Regions Collaborative 11:10 AM – 12:30 PM
Chair/Moderator: Jean Rice, NTIA

	Action Cluster Speakers
11:10 AM	**Smart Regions Collaborative Kickoff** *Zack Huhn, Chairman Smart Regions Initiative; Maci Morin, Program*
11:20 AM	**Wabash Heartland Innovation Network (WHIN) – Advancing Agriculture and Manufacturing via IoT** **Smart Cities/Communities:** Counties of Benton, Carroll, Cass, Clinton, Fountain, Montgomery, Pulaski, Tippecanoe, Warren, White in Indiana, USA - and the locales of several Purdue Ag Centers *Johnny Park, CEO, Wabash Heartland Innovation Network (WHIN)*
11:30 AM	**Lake Tahoe Basin End Warning System and Bi-State Next Gen 911 Dispatch and Traffic Management Center** **Smart City/Community:** Tahoe Transportation District, NV, USA *Danielle Hughes, Capital Program Manager, Tahoe Transportation District*
11:40 AM	**The Great Lakes Smart and Sustainable Cities Cluster** **Smart Cities/Communities:** Council of Great Lakes Region; City of Defiance, OH; City of Hudson, OH, USA *Jeffrey Leonard, City Administrator, City of Defiance, OH*
11:50 AM	**Supercomputer Modeling and Artificial Intelligence Cluster for Smart Cities and Regions** **Smart City/Community:** The Colorado Smart Cities Alliance, USA *Eric Drummond, CEO and Founder, Innovation Corridor; Matthew James Bailey, Global Leader in Smart Cities / President, Powering IoT*
12:00 PM	**Washington Metropolitan Area Smart Region Initiative** **Smart City/Partner:** Greater Washington Board of Trade, Association of Cities and Association of Universities *Speakers TBD*
12:10 PM	**Portland/Seattle/Vancouver Area Smart Region Initiative** **Smart City/Community:** Portland State, Cascadia University, City of Portland, OR, USA *Jonathan Fink, Portland State University*

BREAKOUT SESSION SPEAKER LINE-UP Thursday July 11, 2019

12:20 PM	**Tri-State Region (PA, WV, OH) Food System Project**
	Smart Cities/Communities: Commonwealth of Pennsylvania; State of West Virginia; State of Ohio; 206 counties and cities in six states; Greene County, PA, USA
	Scott J. Sheely, Special Assistant, Pennsylvania Department of Agriculture

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.

11:10 AM	**Action Cluster Speakers**
	Project GRACE (Graceful Remediation with Authenticated Certificateless Encryption) – Towards a Secure Internet
	Smart City/Community: Singapore
	Kang-Wei Woo, Executive Director, QuantumCIEL, Singapore
11:20 AM	**Saitama Smart Town: Smart Community Information Platform for Providing Future Town Services**
	Smart City/Community: Saitama, Japan
	Hiroaki Nishi, Professor and Chairperson, Keio University / Misono Town Management Association, Inc.
11:30 AM	**Coral Gables Smart City Hub Public Platform**
	Smart City/Community: Coral Gable, FL, USA
	Eduardo "Ed" Santamaria, Assistant City Manager, City of Coral Gables, FL, USA; Raimundo Rodulfo, Director of Information Technology, City of Coral Gables, FL, USA
11:40 AM	**The Integrated Information Platform for Smart Transportation of Tainan City**
	Smart City/Community: Tainan City, Taiwan
	Yao-Kuo Huang, Tainan City
11:50 AM	**Cybersecurity Use Case Analysis (Invited Talk)**
	Aaron F. Snyder, Director of Grid Technology Consulting, Enernex; Frances Cleveland, Xanthus Consulting
12:00 PM	**Implementation of Moving Target Data Protection to Secure Smart Lights and Sensors**
	Smart City/Community: San Leandro, CA, USA
	Speakers TBD
12:10 PM	**Seoul Blockchain Platform for transparent and efficient municipal administration**
	Smart City/Community: Seoul Metropolitan Government, South Korea
	Speakers TBD

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

	Action Cluster Speakers
11:30 AM	**Galway Smart City: Light Pollution, Air Quality and Noise Monitoring Smart System - IoT Based**
	Smart City/Community: Galway City, Ireland
	Shivakumar Mathapathi, CTO, Dew Mobility

BREAKOUT SESSION SPEAKER LINE-UP Thursday July 11, 2019

11:40 AM	**East Palo Alto Neighborhood Innovation Zone** **Smart Cities/Communities:** County of San Mateo, CA; City of East Palo Alto, CA, USA *Jon Walton, CIO, County of San Mateo, CA*
11:50 AM	**Advanced Flood Warning and Environmental Awareness System for City of Rohnert Park (AFWEAR) – IoT Based** **Smart Cities/Communities:** City of Rohnert Park, City of Santa Rosa, Sonoma County Board of Supervisors, CA , USA *Shivakumar Mathapathi, CTO, Dew Mobility*
12:00 PM	**Edge-computing for 5G** **Smart City/Partner:** Intel *Speaker TBD, Intel*
12:10 PM	**Palo Alto Networks Presentation, Wireless Super Cluster** **Smart City/Community**: Palo Alto, CA, USA *Tom Williams*

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.

11:30 AM	**Secure Cloud Architecture** **Smart City/Community:** City of Syracuse, NY; Los Angeles Unified School District, CA, USA *Lee McKnight, Associate Professor in the iSchool (The School of Information Studies), Syracuse University*
11:40 AM	**Cyber Resilience Planning (formerly Cybersecurity Risk Assessment and Mitigation)** **Smart Cities/Communities:** San Mateo County, Orange County, and San Jose, CA, USA *Lan Jenson, CEO, Adaptable Security*
11:50 AM	**Building Human Centered Smart City** **Smart City/Community:** Taipei City, Taiwan *Yi-Chen Chu, CEO of BiiLabs*
12:00 PM	**Equity in Cybersecurity Training: A New Collaborative Pilot in Chicago** **Smart City/Community:** City of Chicago, IL, USA *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*

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

12:30 PM	**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:

      Jeff Booth, DHS Science & Technology Directorate, DHS – Moderator

      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

	Action Cluster Speakers
12:30 PM	**TBD** **Smart City/Community:** TBD *Speakers TBD*
12:40 PM	**TBD** **Smart City/Community:** TBD *Speakers TBD*

SESSION 3 ROOM 150B

Smart States 12:30 – 1:30 PM
Chair/Moderator: TBD

	Action Cluster Speakers
12:30 PM	**TBD** **Smart City/Community:** TBD *Speakers TBD*
12:40 PM	**TBD** **Smart City/Community:** TBD *Speakers TBD*

SESSION 5 ROOM 151B

BREAKOUT SESSION SPEAKER LINE-UP Thursday July 11, 2019

Knowledge/Technology Platform 12:50 – 1:50 PM
Chair/Moderator: TBD

12:50 PM	**Action Cluster Speakers** **Taipei Smart City Programme/GO SMART** **Smart City/Community:** Taipei City, Taiwan *Hsin-Lun Tsai, Research Fellow of Taipei Smart City Project Management Office*
1:00 PM	**FIWARE** **Smart City/Community Partner:** FIWARE Foundation *Juanjo Hierro, CTO, FIWARE Foundation*
1:10 PM	**Breaking the Code: The UN-hackathon** **Smart City/Community:** Multnomah County, OR, Dept of County Assets, USA *Thomas J. Doherty, Psy.D., Licensed Psychologist, Sustainable Self, LLC*
1:20 PM	**GO·PS (Gyeonggi Open Platform for SmartCity)** **Smart City/Community:** Gyeonggi Province, Goyang City, Guri City, Pocheon City, Pyeongtaek City, Suwon City, Youngin City, South Korea *Tae-Kyung Kim, Research Fellow, Gyeonggi Research Institute (GRI), South Korea*
1:30 PM	**WeGO** **Smart City/Community:** Seoul Metropolitan Government, South Korea and 140 other city and regional governments *Albert Graves, Program Director, World Smart Sustainable Cities Organization*

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

12:50 PM	**Panel Session** **The Smart and Respectful City: How to Handle Issues of Privacy and Trust** *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.* *Aimee Mecham, Chief, Eternal Affairs Broadband USA, NTIA*

	SIDEBAR SESSION AGENDA (OPEN TO PUBLIC)
	THURSDAY, JULY 11, 2019 1:30 pm – 6:30 pm

Room 150B
 	
1:30 – 2:20 PM
 	
2:30 – 3:20 PM
	Funding and Financing Session
	Hosted by National Telecommunications & Information Administration
	
	Funding and Financing Panel
	Moderator: Jean Rice, NTIA
	    Meghan Houghton, Senior Advisor for Strategic Engagements, National Science Foundation
	    Jeanne Miliken Bonds, Senior Manager, Community Development, Federal Reserve Bank of Richmond
	    Moderator- Jean Rice, Senior Broadband Specialist, NTIA
	    Other Speakers TBD
	
	Innovative Business Modeling Panel
	Moderator: Don Williams, Senior Program Specialist for Broadband Development, NTIA
	    Jon Walton, CIO of San Mateo County (confirmed);
	    Moderator- Don Williams, Senior Program Specialist for Broadband Development
	    Other Speakers TBD

3:00 – 4:00 PM Exhibit Hall Booth	**Data Super Cluster "Birds of a Feather" Meeting**
4:00 – 5:00 PM Exhibit Hall Booth	**Agriculture and Rural SuperCluster "Birds of a Feather" Meeting**
4:00 – 5:00 PM Exhibit Hall Booth	**Smart Building Super Cluster "Birds of a Feather" Meeting**
4:00 – 5:00 PM Exhibit Hall Booth	**ASEAN Smart City Network Meet-and-Greet Meeting**

SIDEBAR SESSION AGENDA (OPEN TO PUBLIC)

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.
	Opening Remarks
	Bruce W. McConnell, Executive Vice President, EastWest Institute
	Panel Discussion

	Mark Forman, Global Head, Public Sector, Unisy
	     Amanda Craig, Senior Cybersecurity Strategist, Microsoft
	     City Representative TBD

	Followed by Q&A Session and Reception (Complimentary Registration: https://on.ewi.info/2Kzixlz)

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

11:10 AM	**Action Cluster Speakers** **IoT & AI based Smart Energy Management System for Smart City** **Smart City/Community:** Suwon City, South Korea *Changsoo Park, General Manager, NTELS co, ltd*
11:20 AM	**Point Cloud MAP901, Building Rich Interior Hazard Maps for First Responders** **Smart City/Community:** Memphis, TN, USA *Mike Rodriguez CIO, City of Memphis, TN*
11:30 AM	**Anatomy of a Smart City** **Smart City/Community:** City of Schenectady, NY, USA *Mayor Gary R. McCarthy, City of Schenectary, NY, USA; John P. Coluccio,City of Schenectary, NY*

SESSION 2 ROOM 150B

Agriculture/Rural Super Cluster 11:10 – 12:30 PM
Chairs/Moderators: Mahesh Nattanmai, State of NY, Department of Health; Josh Seidemann, NTCA-The Rural Broadband Association; Gabriel Youtsey, University of California Agriculture and Natural Resources; Mo Shakouri, Joint Venture Silicon Valley

11:10 AM	**Action Cluster Speakers** **Virtual Care Delivery Model to Sustainably Expand the Capacity and Reach of Health Systems to Deliver High-Quality Care in Rural Communities** **Smart City/Partner:** Navicent Health (Macon, GA); Uintah Basin Medical Center (Roosevelt, UT), USA *Sarah B. Tyree, Vice President, Policy and Public Affairs, CoBank; Anshu Vaish, President & CEO, Perry Health*
11:20 AM	**Wireless Living Lab for Smart Agriculture and Rural Communities** **Smart City/Community:** Iowa State University Plant Science Institute Research Farm, IA, USA *Hongwei Zhang, Associate Professor of Electrical and Computer Engineering, Iowa State University*
11:30 AM	**"575-HOPE" – A Technology Solution to Address Preparedness, Response and Recovery from Opioid and all Types of Addiction** **Smart City/Community:** Hamilton County, OH; City of Cincinnati, OH, USA *John Putnam, Smart Cities Program Manager, Cincinnati Bell*
11:40 AM	**Farm to Fork Crop Tracking** **Smart City/Community/Partner:** Independence, OR, USA; Intel *Wilfred Pinfold, Urban Systems*

Smart and Secure Cities and Communities Challenge

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BREAKOUT SESSION SPEAKER LINE-UP

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.

	Action Cluster Speakers
11:10 AM	**Global, High Impact Energy Efficiency** **Smart City/Community:** City of San Diego, CA, USA *Joe D'Agostino, President, Enterprise Infrastructure Partners*
11:20 AM	**Smart Waste Management & Logistics** **Smart Cities/Communities:** City of Los Angeles, CA and City of Baltimore, MD, USA; and Goyang City, South Korea *Paul Park - Global Business Development Manager, Ecube Labs*
11:30 AM	**Gyeonggi Provincial Virtual Power Plant in GOPS (Gyeonggi Open Platform for SmartCity)** **Smart City/Community:** Gyeonggi-do, Suwon City, Ansan City, South Korea *Ilhan Ham, CEO & Founder, H Energy Co., Ltd.*
11:40 AM	**Transactive Energy for Smart Cities** **Smart City/Community:** Yanbu, Kingdom of Saudi Arabia *William J. Miller, MaCT USA*

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

	Action Cluster Speakers
11:10 AM	**CIVIC Data Platform: Data by the People, for the People** **Smart City/Community**: Portland, OR, USA *Catherine Nikolovski, Executive Director, Civic Software Foundation; Michael Hanna, Multnomah County, OR*
11:20 AM	**Smart City Diaries TV / Video Series** **Smart City/Community:** San Leandro, CA; Portland, OR, USA *Deborah Acosta, Smart City Diaries, C0-Host, Writer; Ann M. Marcus, Smart City Diaries Producer*
11:30 AM	**Smart Work Learn Play: Participatory Smart City Innovation and Digital Inclusion in Public and Subsidized Housing** **Smart City/Community:** City of Austin, TX, USA *Catherine Crago, Head of Strategic Initiatives*
11:40 AM	**Data Equity for Main Street - Bring Open Data to Communities through Public Libraries** **Smart City/Community:** State of California, State of Washington, USA *Anne Neville-Bonilla, Director, California Research Bureau, California State Library*
11:50 AM	**Smart Neighborhoods** **Smart City/Community:** City of Oakland, CA, USA *Seth Hubbert, Executive Director, Tech Exchange*

BREAKOUT SESSION SPEAKER LINE-UP

12:00 PM — **South Bend's Technology Resource Center: A Collaboration Platform for a Responsive, Inclusive Beta City**
Smart City/Community: South Bend, IN, USA
Denise Linn Riedl, Chief Innovation Officer, South Bend, Indiana

12:10 PM — **IoT-Enabled Smart City Workshop for City, Private and Public Communities**
Smart Cities/Communities: City of Rohnert Park, City of Santa Rosa, and Sonoma County Board of Supervisors, CA, USA
Shivakumar Mathapathi, CTO, Dew Mobility

12:20 PM — **Connecting the Dots: Technology Enhanced Aging-in-Place for Residents of Waterfront Village, Washington, DC**
Smart City/Community: Washington, DC, USA
Marjorie Lightman, Partner, QED Associates lic, Senior Fellow, WREI

12:30 PM — **Augmented Neighborhood Watch**
Smart City/Community: City of Oakland, CA, USA
Stephanie Hayden, CEO & Founder, Metropolitan Intelligence

12:40 PM — **UPsouth – A Primer on how Cities can Connect with Citizens to Build Resilient Communities and Strengthen Smart City Initiatives**
Smart City/Community: Auckland Council / The Southern Initiative (TSI), New Zealand
Priti Ambani, Chief Evangelist, UPsouth

12:50 PM — **DC Asset Management Lab at the University of the District of Columbia – A Continuing Education Program for Professionals**
Smart City/Community: Washington, DC, USA
Michael Bordenaro, President, Asset Management Labs, LLC.

1:00 PM — **World Digital School**
Smart City/Community: St. Louis, MO, USA
David Sandel, Founder, iNeighborhoods

1:10 PM — **Cincinnati-Dayton Cyber Corridor**
Smart City/Community: Dayton Development Coalition, REDI Cincinnati (Ohio), USA
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

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