Smart and Secure Cities and Communities Challenge EXPO

Walter E. Washington Convention Center. Washington, DC

Preliminary Agenda (Subject to Change)

GLOBAL CITY TEAMS CHALLENGE

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

DAY 0: WEDNESDAY, JULY 10, 2019

7:00 am – 11:59 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	**Plenary Session**	**ROOM 151AB**
9:00 AM	**Welcome** *National Institute of Standards and Technology (NIST)*	
9:05 AM	**Keynotes** *Speaker from National Telecommunications and Information Administration, U.S. Department of Commerce*	
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**	

***Speaker Lineup and Timing for Breakout Sessions follows main agenda.**

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 151B	Session 6 ROOM 151A
TRACK 1 11:10 AM – 12:50 PM	**Transportation Super Cluster Session**	**Public Safety Super Cluster Session**	**Smart Regions Collaborative**	**Data Super Cluster Session**	**Wireless Super Cluster Session**	**Cybersecurity & Privacy Committee Session**
TRACK 2 12:30 PM – 1:30 PM	**5G Session**	**Healthcare** (by Health Resources & Services Administration/ HRSA)	**Smart States**	**Data Super Cluster Session (Extended)**	**Knowledge/ Technology Platform**	**Inclusivity & Privacy** (by National Telecom. and Information Administration/NTIA)

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.

1:30 – 3:30 PM	**SIDEBAR Panel – Room 150B Open to All Attendees** ***Finance and Funding*** *Hosted by NTIA*
3:00 – 4:00 PM	**Birds of a Feather - PARALLEL BOOTH SESSIONS** **Data SuperCluster Meeting** — **Exhibit Booth #TBD**
4:00 – 5:00 PM	**ASEAN Smart City Networking Event** — **Exhibit Booth #TBD** **Smart Building Super Cluster Meeting** — **Exhibit Booth #219** **Agriculture and Rural Super Cluster Meeting** — **Exhibit Booth #409**
5:00 – 6:30 PM	**SIDEBAR 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)*

Co-Hosted by:

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

With U.S. Federal Government Partners:

International Trade Administration; U.S. Department of State; NASA; HRSA Health Resources & Services Administration

In Partnership With:

Technology Association of Oregon; Joint Venture Silicon Valley; rsci; TIA; FIWARE; WeGO World Smart Sustainable Cities Organization; NARC Building Regional Communities; EastWest Institute; Adaptable Security

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 (DHS)** *Speaker from* Science and Technology Directorate, U.S. Department of Homeland Security	
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)**	
3:30 – 5:00 PM	**TBD**	
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 – 12:30 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 Panel Session** *Speakers and Panelists TBD*

BREAKOUT SESSION SPEAKER LINE-UP Thursday July 11, 2019

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 4 ROOM 156

Data Super Cluster Extended 12:30 – 1:10 PM

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

Action Cluster Speakers

12:30 PM **TBD**
Smart City/Community: TBD
Speakers TBD

12:40 PM **TBD**
Smart City/Community: TBD
Speakers TBD

12:50 AM **TBD**
Smart City/Community: TBD
Speakers TBD

BREAKOUT SESSION SPEAKER LINE-UP Thursday July 11, 2019

SESSION 5 ROOM 151B

Knowledge/Technology Platform 12:30 – 1:30 PM

Chair/Moderator: TBD

Action Cluster Speakers

12:30 PM **Taipei Smart City Programme/GO SMART**
Smart City/Community: Taipei City, Taiwan
Hsin-Lun Tsai, Research Fellow of Taipei Smart City Project Management Office

12:40 PM **FIWARE**
Smart City/Community Partner: FIWARE Foundation
Juanjo Hierro, CTO, FIWARE Foundation

12:50 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

1:00 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

1:10 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

Panel Session

12:50 PM **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.

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*** *Jon Walton, CIO of San Mateo County (confirmed);* *Moderator- Don Williams, Senior Program Specialist for Broadband Development* *Other Speakers TBD*
4:00 – 5:00 PM Exhibit Hall Booth	**Agriculture and Rural Super Cluster Sidebar Meeting**
4:00 – 5:00 PM Exhibit Hall Booth	**Smart Building Super Cluster Sidebar Meeting**
4:00 – 5:00 PM Exhibit Hall Booth	**Data Super Cluster Sidebar 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)

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

	Action Cluster Speakers
11:10 AM	**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*

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
S**mart 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

BREAKOUT SESSION SPEAKER LINE-UP

11:50 AM	**Smart Neighborhoods** **Smart City/Community:** City of Oakland, CA, USA *Seth Hubbert, Executive Director, Tech Exchange*
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 Iic, 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; Vicki Baker, Director of Cyber Research Initiatives, University of Cincinnati*

Co-Hosted

With U.S. Federal Government

In Partnership