



7th US Ignite Application Summit

Monday, April 1

National Science Foundation Smart and Connected Communities Program Principal Investigators Meeting
(Invitation only)

US Ignite Forum Event, Smart City Sustainability, in Partnership with Smart Cities Connect (Invitation only)

Tuesday, April 2

Morning keynote sessions and demos will be held in the Bellco Theater

- 8:30 a.m. Opening of the joint US Ignite Application Summit and Smart Cities Connect Conference
Chelsea Collier, Editor-at-Large, Smart Cities Connect Media & Research
Glenn Ricart, CTO, US Ignite
- 8:35 a.m. Welcome to Denver
Michael Hancock, Mayor, City of Denver
- 8:50 a.m. Fundamental Research as an Enabler of Smart Cities
Erwin Gianchandani, Deputy Assistant Director for the Directorate of Computer and Information Science and Engineering, NSF
- 9:15 a.m. Live 360 VR Video for STEM Education (US Ignite Application Demo)
Michael Cuares, Associate Director Distance Education & Learning Technology Applications, NC State
Rebekah Davis, Digital Learning Graduate Assistant, Doctoral Student and Instructor, NC State
- 9:25 a.m. Smart City, Smart Region: Front Range Collaboration: Keynote Panel
Bob Bennett, Chief Innovation Officer, City of Kansas City, MO (moderator)
Eulois Cleckley, Executive Director of the Department of Public Works, City and County of Denver
Daryl Jones, Executive Vice President / Chief Real Estate Officer, Denver International Airport
Robert McDonald, Exec. Dir. & Public Health Administrator Dept. of Public Health, City&County of Denver
Douglas Rex, Executive Director, Denver Regional Council of Governments
Bret Waters, Deputy Chief of Staff, City of Colorado Springs
- 10:05 a.m. Coffee Break
- 10:25 a.m. MetroLab Network - Program Updates
Ben Levine, Executive Director, MetroLab Network
- 10:30 a.m. Big Data and the Future of Smart Cities
Meredith Lee, Executive Director, West Big Data Innovation Hub (moderator)
Jason de Souza, VP of Industrial Solutions, Anixter
Brian Crow, VP, Analytics & Software Solutions, Data Analytics, Sensus
Amanda Daflos, Director, Innovation, City of Los Angeles
Jim Haskins, Lead, Smart+Connected Communities Business Development for the Eastern U.S., Cisco
- 11:10 a.m. Resilient Water Systems (NSF S&CC Demo)
Cayelan Carey, Assistant Professor of Biological Sciences, Virginia Tech

- 11:20 a.m. **First Connections - How Partnerships are Forged**
Sara Kiesler, Program Director, Directorate for Social, Behavioral and Economic Sciences, NSF (moderator)
Daniel Obodovski, Co-Founder and Managing Partner, SCALE San Diego
Chanelle Hawken, Vice President of Government Affairs and Public Affairs, Cox Communications, California
Erik Caldwell, Deputy Chief Operating Officer, City of San Diego
Jerome Lynch, Professor & Department Chair, Dept. of Civil & Environmental Engineering, University of Michigan
Alex Little, Executive Director, Twin Cities Area Transportation Authority
Anu Ramaswami, Charles M. Denny, Jr., Chair of Science, Technology, & Public Policy at the Humphrey School of Public Affairs, University of Minnesota
Matt Larson, Innovation Director, City of St. Paul
- 11:50 a.m. **Knight Foundation - Smart Cities & Communities**
Lilian Coral, Director/National Strategy + Technology Innovation, Knight Foundation
- 11:55 a.m. **iNotify (US Ignite Application Demo)**
Ashlesha Nesarikar, President, Plano Intelligence Inc
Nikhil Gupta, Plano Intelligence Inc
- 12:05 p.m. **A Novel Architecture for Secure, Energy-Efficient Community-Edge-Clouds with Application in Harlem (NSF S&CC Demo)**
Dan Kilper, Research Professor and Administrative Director @ the Center for Integrated Access Networks, University of Arizona
Clayton Banks, Co Founder and CEO, Silicon Harlem
- 12:15 p.m. **Lunch on Own**
- 1:15-4:00 p.m. **US Ignite Smart Gigabit Communities: Accelerating the Smart City Movement (Invitation Only)**
- 4:00-7:00 p.m. **Demos and Expo Networking Reception**

Wednesday, April 3

Morning keynote sessions and demos will be held in the Bellco Theater

- 8:30 a.m. Keynote Welcome
Glenn Ricart, CTO, US Ignite
Chelsea Collier, Editor-at-Large, Smart Cities Connect Media & Research
- 8:35 a.m. Federal Program Initiatives
Dereck Orr, Division Chief of the Public Safety Communications Division, National Institute of Standards and Technology
- 8:50 a.m. Real-Time Drone Streaming (US Ignite Application Demo)
Taylor Kerby, Founder, Triangle UAS
Donald Richardson, Engineering Manager, Greenlight, City of Wilson
Benny Boykin, Sergeant, Wilson NC Police
- 9:00 a.m. Smart Cities Connect - Updates from the Streets
Laura Benold, Editor-in-Chief, Smart Cities Connect Media & Research
Chelsea Collier, Editor-at-Large, Smart Cities Connect Media & Research
- 9:10 a.m. US Ignite News and Smart Gigabit Community Induction for 2019
Scott Turnbull, Director of Technology, US Ignite
Lee Davenport, Director of Community Development, US Ignite
Glenn Ricart, CTO, US Ignite
Meghan Hestand, Director of Program Operations, US Ignite
- 9:25 a.m. Keynote: Smart Cities Start with Smart Infrastructure
Randolph Wheatley, EVP, Sensus
- 9:35 a.m. The Role of AI in the Rise of Smart Cities
Chelsea Collier, Editor-at-Large, Smart Cities Connect Media & Research (moderator)
Hardik Bhatt, Leader, Digital Government, Amazon Web Services
Petra Dalunde, Chief Operating Officer, Urban ICT Arena (Sweden)
Stephen Elkins, Chief Information Officer, City of Austin
- 10:10 a.m. Coffee Break
- 10:25 a.m. Smart ADAS: Paving the Road to Autonomy
Moran David, General Manager, Mobileye
- 10:35 a.m. Transportation in the Digital City
Ruthbea Yesner, Vice President, Government Insights and Smart Cities, IDC (moderator)
Moran David, General Manager, Mobileye
Micheal Carroll, Chief Innovation Officer, Columbus Ohio Transportation Authority (COTA)
Noam Maital, CEO, Waycare
Spencer Reeder, Director, Government Affairs, Audi of America
Michael Sherwood, Director of Technology and Innovation, City of Las Vegas
- 11:10 a.m. GonioSense (US Ignite Application Demo)
Bozhao Qi, Ph.D student, University of Wisconsin - Madison
Suman Banerjee, Sheldon B. Lubar Professor, University of Wisconsin-Madison

- 11:20 a.m. Mayors Panel - Impact of Smart Community Movement
 Bill Wallace, Executive Director, US Ignite (moderator)
 John Mirisch, Mayor, Beverly Hills, CA
 Eugene W. Grant, Mayor, Seat Pleasant, MD
 Richard Irvin, Mayor, Aurora, IL
- 11:50 a.m. Cipher - Visualizing Cultural Artifacts (US Ignite Application Demo)
 Sam Haren, Creative Director, Sandpit
- 12:00 p.m. Looking Forward
 Glenn Ricart, CTO, US Ignite
- 12:15 - 1:15 p.m. Lunch on own
- 1:15 - 4:00 p.m. US Ignite Breakout Sessions and Panels *held in room 203*
- 1:15 - 2:05 p.m. Building a Smart Base and Community
 Nick Maynard, Chief Strategy Officer, US Ignite (moderator)
 Brandon Newell, Installation werX West, Leading Innovation on Installations, United States Marine Corps
 Lance Marrano, Sustainment Management System Center of Expertise, US Army Corps of Engineers
 Wangda Zuo, Associate Professor, University of Colorado Boulder
 Marissa Brand, ESTEP Program Manager, SPAWAR Systems Center Pacific
- 2:10 - 3:00 p.m. Building Network Infrastructure for the 5G Future
 Mike Dano, Editorial Director, 5G & Mobile Strategies, Light Reading (moderator)
 Scott Clark, Executive Director for Technology, Town of Chapel Hill
 Rondella Hawkins, Telecommunications & Regulatory Affairs Officer, City of Austin
 Tim Johnson, Vice President of IoT Business Development, Sprint
 Keshav Gupta, Smart City IoT Leader, City of San Jose
- 3:05 - 3:55 p.m. Activating your Smart Regional Community and Getting Community Buy-In
 Arnold Liyai, Program Manager, US Ignite (moderator)
 Tom Synder, Executive Director, RIoT
 Angie Martinez, Regional Director for Denver, EDA
 Joel Rogers, Chair of the Board, EPIC-N Group
 Dominic Papa, Executive Director and Co-Founder, Institute for Digital Progress
 Matthew Delcambre, Director, Center for Business & Information Technologies, University of Louisiana at Lafayette
- 1:00-5:30PM Demos, Expo and Posters Program & Reception

Thursday, April 4

- 9:00 a.m.-noon Smart Cities Connect Panels and Sessions and US Ignite Working Groups
 (see detailed full program)