Urban Systems Collaborative • 2nd Annual Symposium
Chevron Auditorium • International House • UC Berkeley Campus
September 11th - September 12th

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Program • Day One • Tuesday, September 11th
All events take place in Chevron Auditorium

8:00 AM Breakfast and Registration

9:00 AM Welcome
> *Colin Harrison, Distinguished Engineer, Enterprise Initiatives IBM*
> *Jennifer Wolch, Dean, College of Environmental Design, UC Berkeley*

9:15 AM Keynote
> *Dr. Steven Koonin, Director of the Center for Urban Science and Progress, New York*

10:00 Break

10:15 AM Lightning Talks

> **Information and How the City Works**
> > *Colin Harrison, Distinguished Engineer, Enterprise Initiatives IBM*
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> **The Geospatial Nature of Cities**
> > *Mark Baker, Business Development Manager, Esri*
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> **City Operations**
> > *John McCabe, Manager, Business & Information Analysis Division, City of Oakland*
>
> **Open Date-Transparency of Data Driving Better Analytics**
> > *Jennifer Pahlka, Founder & Executive Director, Code for America*
>
> **Emergency Management**
> > *Mary Comerio, Professor of the Graduate School Architecture, UC Berkeley*
>
> **Engaging the Citizen**
> > *Nathaniel Manning, Direct of Business Development, Ushahidi*
>
> **Sensing and Actuation**
> > *Mario Berges, Assistant Professor of Civil & Environmental Engineering, CMU*
>
> **Multimodal Transportation**
> > *Jerry Walters, Partner, Fehr & Peers*
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> **Energy Management in Cities**
> > *Constantine Kontokosta, Deputy Director NYU CUSP & Director NYU Center for the Sustainable Built Environment*
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> **Water Challenges in the Bay Area**
> > *Jurij Paraszczak, Director of Smarter Cities, IBM*
>
> **Urban Information Modeling**
> > *Keith Besserud, Architect, Skidmore, Owings, & Merrill LLP*
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> **Lightning Talk Wrap-up**
> > *Colin Harrison, Distinguished Engineer, Enterprise Initiatives IBM*

12:30 PM Lunch

1:30 PM Panels

Panel 1: Urban Data and Citizen Engagement
 Shawn Allen, Partner & Design Director, Stamen Design
 Alex Bayen, Associate Professor, Systems Engineering, UC Berkeley
 Nathaniel Manning, Direct of Business Development, Ushahidi
 Abhi Nemani, Director of Strategy & Communications, Code for America
 Paul Waddell, Chair & Professor, Department of City & Regional Planning, UC Berkeley
 Moderator: *Nicholas de Monchaux, Assistant Professor of Architecture & Urban Design, UCB*

Panel 2: Building Resilient Urban Communities
 Arrietta Chakos, Principal, Urban Resilience Strategies
 Mary Comerio, Professor of the Graduate School Architecture, UC Berkeley
 Jayant Kalagnanam, Senior Manager of Production Modeling, IBM Research
 Moderator: *Mark Baker, Business Development Manager*, *Esri*

3:30 PM Break

Panel 3: City Operations and Management
 Otto Doll, Chief Information Office, Minneapolis
 John McCabe, Manager, Business & Information Analysis Division, *City of Oakland*
 Jerry Walters, Partner, Fehr & Peers
 Moderator: *Jurij Paraszczak, Director of Smarter Cities, IBM*

6:00 PM Reception at the College of Environmental Design • First Floor Wurster Hall

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Program • Day Two • Wednesday, September 12th

8:00 AM Breakfast and Registration • Chevron Auditorium

9:00 AM Welcome • Chevron Auditorium
 Colin Harrison, Distinguished Engineer, Enterprise Initiatives IBM

9:15 AM Workshops (see rooms below)

Workshop 1: Turning Citizen Engagement into Citizen Enablement, ***Chevron Auditorium***
Workshop 2: Creating Resilient Communities through Emergency Management, ***Ida Sproul Room***
Workshop 3: Ideal City Operations & Management Center, ***Robert Sproul Room***

10:30 AM Break

10:45 AM Continuation of Workshops

11:30 AM Workshop Synthesis • Chevron Auditorium

1:00 PM Lunch • Chevron Auditorium

2:00 PM Lessons Learned and Next Steps • Chevron Auditorium
 Colin Harrison, Distinguished Engineer Enterprise Initiatives IBM

3:00 PM Close of Meeting