



Call for Papers and Call for Participation

INTERNATIONAL CONFERENCE ON THE EDGES OF INNOVATION FOR SMARTER CITIES

CONFERENCE, TECH EXPO, CAREER FAIR, AND INDUSTRY FORUM

<http://sites.ieee.org/eisc/>

Oct. 22-25, 2015 | Sheraton | Burlington, Vermont, USA

Conference

This 2015 inaugural conference is intended to launch the premier forum on the edges of innovation for smarter cities. Accepted papers presented in the conference will be submitted for publication to the IEEE Xplore Digital Library.

Electronic Submission Date for Papers, Posters, Demonstrations, Tutorials, Short Courses, Workshops & Panels:
June 30, 2015 (Extended to July 20, 2015)

Notification of Acceptance Date:
July 31, 2015

Tech Expo & Career Fair

The 9th annual Vermont Tech Jam, a free job fair and tech expo, organized by independent newsweekly *Seven Days* and the Vermont Technology Alliance, also takes place at the Sheraton on October 23 & 24. Vermont tech companies, from startups to established firms, will present or demonstrate innovative products and recruit passionate candidates for open positions in Vermont.



Industry Forum

Recognized experts, key actors from industry, academia and government will identify, discuss and provide insights into the toughest market, technology, standardization, and policy challenges and opportunities ahead for smarter cities.

Professional Forum

Passionate professionals including engineers, scientists, planners, and designers who partner with clients in the transportation, real estate, institutional, electronics and energy industries, as well as federal, state, and local governments will discuss best practices in making meaningful contributions and delivering value by embracing clients' goals, anticipating challenges, building lasting partnerships, and always providing a smooth ride to improve mobility, enhance communities, and balance development and infrastructure needs with environmental stewardship.

Objectives and Scope

The purpose of the conference is to bring together industry leaders, engineering experts, scientific experts, key actors and collaborators to discuss recent advances in subject areas that impact smart cities. Best scientific, professional and student contributions will be recognized with awards.

Innovative and original scientific or technical contributions to industrial applications or products are solicited in subject areas including (but not limited to) the following:

- ✱ POWER & ENERGY, SMART GRID, ELECTRIC VEHICLES, AND GREEN BUILDINGS
- ✱ RF, DEVICES, SEMICONDUCTOR TECHNOLOGIES AND 3D METROLOGY
- ✱ RELIABLE INTEGRATED CIRCUITS, SENSORS, MEMS AND PACKAGES
- ✱ IoT, ENERGY-EFFICIENT EMBEDDED SYSTEMS, MOBILE, AND CLOUD COMPUTING
- ✱ BIOTECHNOLOGY, LUNG, VISION, WATER AND FOOD SYSTEMS
- ✱ TRANSPORTATION, ROBOTICS, AND AVIONICS
- ✱ APPLICATIONS SOFTWARE, AND CAD/CAE/EDA

Sheraton Burlington Hotel & Conference Center

Organizing Committee

Conference Chair	Pascal Nsame
Program Committee Chair	David Harnme
Power & Energy Committee Chair	Paul Hines
RF, Device, & Tech. Committee Chair	Alvin Joseph
Integrated Circuits Committee Chair	Tian Xia
IoT, Energy-Efficient Embedded Systems, Mobile & Cloud Computing Committee Chair	Pascal Nsame
BioTechnology Committee Chair	Jason Bates
Transportation Committee Chair	Chelsea (Chip) C. White III
Software Committee Chair	Jason Hibbeler
VT Tech Jam, Tech Expo & Career Fair	Cathy Resmer
Young Professional Activities Committee Chair	Erin Parizo

About the Location

As Vermont's economy continues to grow at a rate faster than that of the US economy as a whole, new challenges have motivated the need for a 2020 set of goals which will be explored during this inaugural conference. For a state with a small and largely rural population, Vermont has an impressive history of innovation. In the 1820s, the town of Windsor was the home of the modern machine shop. Today, Burlington ranks #2 of Business Insider's list of the 20 most innovative cities in the US. Welcome to Burlington.



The University of Vermont

