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SBIoT Workshop

Smart Building and Internet of Things

November 09, 2018
8:00 AM - 4:30 PM

Scott Conference Center
6450 Pine Street
Omaha NE, 68106

The Smart Building and Internet of Things (SBIoT) workshop focuses on emergence of new technologies such as the Internet of Things (IoT), which are set to transform the field of the built environment and advance development of smart buildings. These technologies will improve building performance, occupant comfort and safety. Smartwatches, for example, have shown the ability to provide a rich set of thermal comfort data about a building occupant and transmit it wirelessly to control HVAC systems. However, like any new technology, the transformation has been slow, leaving us unable to reap the maximum potential benefits. Thus, the aim of this workshop is to address the technology gap between industry and academia and the barriers to adopting new technologies.

Register to attend at:

https://unl-smart.github.io/SBIoT2018/

Register early. Space is limited!

THE DURHAM SCHOOL
OF ARCHITECTURAL ENGINEERING AND CONSTRUCTION

University of Nebraska Lincoln

Speakers

Bharathan Balaji
Amazon AI Labs

Data Driven Buildings

Gregor P. Henze
University of Colorado Boulder

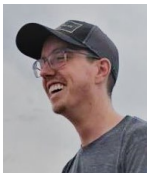
Battery-Free RFID Sensor Network with Spatiotemporal Pattern Network-Based Data Fusion System for Human Presence Sensing

Srinivas Katipamula
Pacific Northwest National Laboratory

Benefits from Integration of Smart Buildings with the Smart Electric Grid

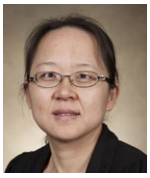
David Lehrer
Center for the Built Environment (CBE) - Berkeley

New Technologies for Occupant-Responsive Buildings



Cory Mosiman
WSP

Evaluating the Value of Intelligent Building Systems: A Case Study



Zheng O'Neill
University of Alabama

Quantification of HVAC Energy Savings for Occupancy Sensing in Buildings through an Innovative Testing Methodology

Hung Pham
Emerson Commercial & Residential Solutions

Smart Buildings: A Manufacturer's Perspective

Owen Redwood
Nebraska Applied Research Institute

Cyber Attacks, Pivots and Impacts in Smart Building Networks

Marina Sofos
Department of Energy

DOE Perspective: Emerging Technologies for Efficient Smart Buildings

More speaker information available at:
https://unl-smart.github.io/SBIoT2018/

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