Call for participation in Wireless Networks and Smart Cities Workshop, Second edition

US/Morocco Workshop on Sensors and Wireless Networks for Smart Cities Rabat, Morocco, June 28-30, 2018

Call for participation:

More than 50% of the world population lives in urban areas. Significant benefit can be gained from making cities smart and efficient. Developing smart cities is a global challenge, and therefore needs perspectives from throughout the world. The purpose of this workshop is to provide a forum for scholars from different countries to discuss current issues in smart city development, and to brainstorm challenges, share experiences, and define common research opportunities in particular between Morocco and the USA.

We invite papers that address interdisciplinary challenges in Wireless Sensor Networks (WSN) and Smart Cities to be presented in an NSF-sponsored workshop to be held on June 28-30, 2018, in Rabat, Morocco. The workshop is organize in conjunction with the International Conference on Smart Digital Environment (ICSDE'18: http://icsde.ifride.com/). The accepted papers will be part of the conference proceeding. Limited travel funds have been made available in a grant from NSF and National Higher School of IT (ENSIAS), Mohamed V University, Morocco.

Submission Instructions:

Please submit your paper at: http://icsde.ifride.com/workshops.php

Important Dates:

September 30: Abstract submission

October 30: Abstract notification

December 30: Full paper submission

February 30: Acceptance notification

January June 28-30, 2018: Workshop in Rabat, Morocco

Travel funds:

Travel funds will be available for paper presenters from the US, on a reimbursement basis. All travel arrangements, including visa and other requirements, will be the responsibility of the presenter. US citizens don't need to apply for a visa to Morocco.

Venue:

The workshop will be held Rabat, Morocco, in conjunction with the International Conference on Smart Digital Environment (ICSDE'18: http://icsde.ifride.com/).

Technical area:

Recent technical achievements in sensors and controls integrated with active systems can allow for the ability to control our built environment and tailor it to our preferences, while still maintaining optimal operation, energy conservation, sustainability, and resiliency. With the use of Wireless Sensor Networks (WSN) our cities can move toward the concept of smart cities. The workshop will consider various research

directions in the following interdisciplinary topics, specifically focusing on how sensors and wireless networks are used to advance smart city infrastructures and applications including:

- Smart grid and energy application
- Agricultural applications
- Smart buildings
- Water application
- Food application
- Modeling human activity coupled with smart cities
- Big data for smart city applications

Social Activities:

Morocco is currently in the process of building several smart cities in Rabat, Casablanca, Ifrane and Bengrir. Tours will be organized in the city of Rabat allowing workshop participants to learn about the city and its ancient history, as well as to the Green City which is being built in Morocco, and to several Moroccan research centers.

Sponsors:

NSF- National Science Fondation (USA)
National Higher School of IT (ENSIAS) (Morocco)

Workshop Organizers:

Driss Benhaddou Engineering Technology Dept. University of Houston (USA)	Tarek El-Ghazawi ECE Department The George Washington University (USA)	Mohammad Essaaidi, National Higher School of IT (ENSIAS) Mohamed V University (Morocco)