

Invited Session on

"Internet of Things (IoT) and Smart Systems: Research opportunities and Applications"

In the context of

The 3rd International IEEE Colloquium on Information science and Technology (CIST'14)

October 20-22, 2014– Tetuan- Chefchaouen, Morocco

<http://www.ieee.ma/cist14/special-invited-sessions/iot14>

Description

The aim of this invited session is to bring together researchers, academics, scholars to the forefront of research activity on Internet of Things and Smart Cities. The specific profile of this session is to promote the state-of-the-art in scientific and practical research of the IoT technology and examine the research opportunities and applications. The invited session is an excellent opportunity to present the current challenges and future opportunities in building smart cities in an efficient and sustainable way. Overall the goal is to provide a thorough overview of the main topics about Smart Cities and IoT technology and their envisioned integration.

International speakers from academia and industry will give lectures tailoring their research field for an interdisciplinary audience. During the invited session, a dedicated discussion panel will bring into focus the collaboration between academia and industry in order to depict the future vision of IoT and Smart Cities. Participants from the fields of information systems and computer sciences, communication technology will find an excellent opportunity to participate in interdisciplinary discussions, set up new networks and exchange information on a professional level. This session will allow participants to be exposed to cutting edge results in one of the most challenging research area, while at the same time enjoying the relaxing atmosphere of one of the most beautiful North-African location.

Suggested non-exclusionary Topics

Submissions are welcome in all the areas of Internet of things and Smart Cities. We invite papers which explore topics of interest including:

- Sensing and Smart Environments
- Smart Objects and Communication
- IoT network infrastructure
- IoT applications and services
- IoT networking and communication
- Architectures and protocols for IoT
- Cyber Security for Smart Cities & IoT
- Smart Objects and Technologies Information Extraction
- Economic, Security and Sociologic Aspects of Smart Objects
- Application scenarios and real-world deployments for IoT and Smart Cities
- Research and challenges for Smart Cities

Format and Paper Submission

Prospective authors should submit by using [the online abstract submission platform](http://www.ieee.ma/cist14/special-invited-sessions/iot14), as published at CIST'14 page <http://www.ieee.ma/cist14/special-invited-sessions/iot14>, an extended abstract of up to 6 pages describing their original work using the IEEE template.

Accepted papers will be published in the proceeding and submitted to IEEE Xplore Library. Furthermore, Authors of high quality papers will be invited to submit an extended version of their work for potential publication in a special issue/section of an international journal.

Accepted papers must be registered; otherwise they will not be submitted to IEEE Xplore Library. The first author is limited to submit a maximum of 2 papers and at least one of the co-authors of every paper should register.

Important Dates

Paper submission deadline	Avril 20, 2014
Notification of acceptance	June 8, 2014
Final Paper Submission deadline	July 6, 2014
Advance Registration deadline	July 18, 2014
Invited Session	October 20, 2014

Invited Session chairs

Prof. Mounir Arioua

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Contact Information

Detailed and up-to-date information about the invited session can be accessed through the session website <http://www.ieee.ma/cist14/special-invited-sessions/iot14>, email: iot-cist14@ieee.ma