



# ASD 2018: Big data & Applications

12th edition of the Conference on Advances of  
Decisional Systems

– Adam Park Hotel & Spa Marrakech

2-3 May 2018

<http://www.asd-conf.net>



## Track 7: *The Internet of Things: components challenges and opportunities*

### Call For Papers

#### Co-Chairs

Mohamed Tabaa, LPRI EMSI Casablanca, Morocco  
Fabrice Monteiro, LGIPM, UL Metz, France.

#### Objective

The 12th ASD 2018 conference (conference on advances in decision-making systems) also includes a special session “The internet of things : components Challenges and Opportunities”, jointly organized by the LPRI laboratory (multidisciplinary laboratory for research and innovation) of EMSI (moroccan school of engineering sciences) Casablanca Morocco, and the LGIPM laboratory (industrial engineering, production and maintenance laboratory) university of Lorraine Metz France; you are invited to participate in this special session which focuses especially on the development of the internet of things.

The rapid advancement of technologies, the penetration of data into mobile networks, network technologies and the sharing of data on the web have made it possible to detect and control the whole world via information technology. This development is based on digitalization of the world it has called the internet of things (IoT). This last can facility the interaction with a large variety of the physical things, which supports the developments of application in many fields such as industry, traffic management, medical, intelligent networks, web services and others. This session is seeking original, high impact research papers on all topics related to the development of the Internet of Things, including but not limited to:

- Object Access and networking technology
- Evaluation of challenges of deployments of industry 4.0
- Seamless human-to-object and object-to-object interactions
- Data collection, deep learning, reality mining and prediction methods
- Data security, authentication, and authorization
- Distributed systems
- Web-based discovery

The conference will take place in Marrakech 2,3 May 2018. Papers can be submitted in French or in English and submitted on [online conference management system](#) in PDF format

A selection of articles will be proposed for publication in several partner scientific journals (see the conference website for more information).

#### Important Dates

- Submission of abstracts: February 5 , 2018
- Paper submission: February 20, 2018
- Notification of acceptance: March 20, 2018
- Camera-ready papers: March 30, 2018
- Conference: May 2-3, 2018

#### Session organizers

##### Mohamed Tabaa

Received the degree of engineer in telecommunication and networking from the Moroccan school of engineering science of Casablanca, Morocco in 2011. He received the master in radiocommunication and embedded electronic systems from university of Paul Verlaine of Metz, France. He received the Ph.D degree in electronics systems from university of Lorraine Metz, France in 2014. Since 2015, he has been the director of the LPRI private Laboratory. His research interests include array of Wireless Sensors Network, Body communications, UWB, digital signal processing for wireless communications, energy and FPGA.

##### Fabrice Monteiro

(M'96) received the Ph.D. degree in microelectronics from the University of Montpellier, France, in 1992. He has been an Associate Professor and Professor with the University of Lorraine, France (formerly University of Metz), since 1994. He has been involved in several academic and industrial research projects targeting interdisciplinary topics in the areas of telecommunications, mecatronics, and sensor networks. His current research interests include fault tolerant digital circuits and systems, coding theory and related high throughput circuitry for communication applications, new MPSoC and NoC paradigms.

## **Program Committe**

- Abbas Dandache, UL France
- Emmanuel Simeu, UG France
- Mohamed Youssefi, ENSETM Maroc
- Mohamed Tabaa, LPRI EMSI Maroc
- Fabrice Monteiro, UL France
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- Naoual Mouhni, EMSI Maroc