



# ASD 2018: Big data & Applications 12th edition of the Conference on Advances of Decisional Systems

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

## Track 4 : *IoT and Big Data in Mobile Crowd Sensing*

**Call For Papers**



### Track Chair

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### Objectif

Nowadays advance in IoT is expected to revolutionize the data acquisition, and therefore the whole process chain to exploit the big data generated. In particular, lightweight and wearable sensors allow continuous monitoring and communication of ambient phenomena, such as road speed, noise or air quality. This domain is called Mobile Crowd Sensing (MCS), since the data are collected on mobility by carried or en-board sensors.

The 12<sup>th</sup> edition of ASD will investigate in this track the various issues related to mobile crowd sensing, with a focus on the MCS data analytics and the MCS data science process. Topics include, but are not limited to, the following :

- Architecture of MCS systems and platforms
- Requirement analysis for participatory and opportunistic MCS
- Pre-processing, qualification of MCS data
- MCS data integration and enrichment
- MCS data modeling: from conceptual to storage models
- Spatial / Temporal Big data management in MCS
- Offline and online (real-time) query processing for MCS
- Data analytics and data mining in MCS
- Visualization and knowledge representation in MCS
- Privacy in MCS
- Application scenarios and experiments of MCS

**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](#)**

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: January 2, 2018

Paper submission: January 9, 2018

Notification of acceptance: March 2, 2018

Camera-ready papers: March 20, 2018

Conference: May 2-3, 2018

**– Program committee**

- Abdelfattah Idri, Hassan II University of Casablanca, Morocco
- Adil El Bouziri, Hassan II University of Casablanca, Morocco
- Ali, Masri, University of Versailles St Quentin, France
- Azedine Boulmakoul, Hassan II University of Casablanca, Morocco
- Karine Zeitouni, University of Versailles St Quentin, France
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