



*The 27th International Conference on Microelectronics
20-23 December 2015, Casablanca Morocco*



*Call for papers – special session :
Smart sensor and sensors network
For ICM2015
20-23 December 2015*

Session chair :

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Recent developments in Smart sensor demonstrate that in the near future the wide availability of low-cost, short-range radio technology, along with advances in wireless networking, will enable wireless ad hoc sensor networks to become commonly deployed. With the emergence of cloud computing and big data, smart sensor networks are taking an important role that serve as the interfaces for the aforementioned systems to monitor and interact with the physical world. In fact, this technology facilitates constant business transformation in new business service paradigms. The implementation of smart sensor network has facilitated innovative applications in various fields such as homeland security, early warning systems, supply chain, global logistics, emergency response, healthcare, and other time and life critical situations. Many leading organizations are increasing their investments in innovative smart business technology, applications, and service. These services demand new business models to create profits with efficient strategies. Hence the main motivation for this session is to bring together researchers and practitioners working on related fields in smart and intelligent business service and strategy to present in progress and recent research issues and advances. The aim of this session is to give the insight for the discussion of the major research challenges and achievements in various topics of interest. The session will gather leading researchers from academics and industry to present their research achievements and share their experiences in developing/deploying sensor networks. Topics of interest include, but not limited to:

- Sensor-aided Smart Grids
- Vehicular Sensor Networks
- Video Sensor Networks
- Sensor-aided Social Networks
- Cognitive Radio Sensor Networks
- Robot-aided sensor networks
- Body Sensor Networks
- Sensor-Cloud Applications
- Data Fusion in Smart Sensor Networks
- Big Data in Sensory Systems
- Human-Sensor Interactions
- Bio-Inspired Sensor Networks
- Resource Management
- Cross-Layer Design and Optimization
- MAC protocols for WSN
- Physical layer protocols for WSN

Submission

Please submit your full paper choosing the right track on the EDAS site : www.ieeeicm2015.org

Full paper submission:

~~20 September Anywhere on Earth GMT-12)~~

11 October 2015

Notification of acceptance:

25 October 2015

Camera-ready submission:

8 November 2015

