

CALL FOR PAPERS**Journal of Ambient Wireless Communications and Smart Environments (AMBIENTCOM)*****Special Issue on “Smart Internet of Things: technologies, protocols, applications”***

The term “Internet of Things” (IoT) refers to a world-wide network of uniquely identifiable interconnected objects that embed sensors and actuator and can seamlessly interoperate using communication protocols. Objects of the physical world become equipped with unique identifiers (having specific identities and virtual personalities), are linked to the Internet and therefore can connect, communicate and interoperate with each other. At the same time, they can be managed using easy-to-use web applications. The number of potential IoT applications is vast, covering almost every sector of human activity. Nonetheless, the full realization of the concept of IoT still faces many challenges.

The goal of this Special Issue is to collect papers presenting smart solutions to address IoT challenges, actualize intelligent IoT systems and apply IoT in smart environments. Papers should describe concepts, models, technologies, approaches, methodologies and practices of Internet of Things.

The Special Issue will collect paper submissions from open call as well as the best papers from the **European Conference on Ambient Intelligence (Aml 2015)**.



Topics of interest, **all from the perspectives of smart IoT**, include, but are not limited to:

- System architectures, communication protocols and technologies for IoT
- Machine-to-Machine (M2M) communications
- Big Data processing and analysis for IoT
- Human-System interaction and user centred IoT systems
- Sensors, smart devices and Cyber Physical Systems (CPS)
- Energy-efficient algorithms and systems
- Security, privacy and trust issues
- Middleware and service platforms
- Applications (Smart Cities, Smart Home/Buildings, Smart Grid, Healthcare, Smart Environment)
- Emerging topics and advances in IoT research

Important Dates

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| Submission Deadline: | January 15, 2016 | Final Manuscript: | April 15, 2016 |
| First Round of Reviews: | March 1, 2016 | Publication Date: | End of 2016 |

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Submission

The Special Issue seeks submission of research articles and survey articles that present novel original results and findings on Internet of Things. Solicited original submissions must not be currently under consideration for publication in other venues. Author guidelines and submission information can be found at <http://riverpublishers.com/authors.php>

All manuscripts should be submitted through Manuscript Central: <http://riverpublishers.com/journal/login.php>