

## Call for Paper

# EPS2015

The 3<sup>rd</sup> International Workshop on Engineering Pervasive Service Systems (<http://eps2015.zohosites.com/>) in conjunction with the 12th IEEE International Conference on Ubiquitous Intelligence and Computing (UIC 2015)  
August 10-14, 2015, Beijing, China

The applications of large Internet of Things (IoT), Internet of Services (IoS), Internet of People (IoP) are gaining increasing attention in the smart city vision that covers smart transportation, e-health, smart building, social networking, smart home, smart office, smart laboratory, smart shop and so on. IoT/IoS/IoP applications involve a large number of pervasive devices, which are usually limited by battery, memory, processing power, and are characterized by heterogeneity of their hardware, software, and networking capabilities. There arise a number of challenges for enabling pervasive services on such resource limited devices in these IoT/IoS/IoP applications. And we are also interested in automatically image and video processing that are widely applied in areas like smart home, smart transportation and so on.

The EPS workshop will build a bridge between these related areas. We achieved this goal by fostering discussions and collaborations among researchers and practitioners of these communities. In the long run, this interdisciplinary discussion should encourage and support collaborations of pervasive services in the related research areas. The workshop welcome topics include, but are not limited to:

- ✧ Software engineering research on the development of pervasive services, e.g. autonomous pervasive service components, development environments for pervasive services, model driven development for pervasive services
- ✧ Enhancing the capacities of pervasive devices and pervasive services, using for example, mobile cloud computing platforms, new algorithms to support the migration of tasks between computing nodes, and so on
- ✧ Ways of improving the intelligence of autonomous pervasive service systems through different computing intelligence approaches
- ✧ New algorithms of automatic vehicle detection and tracking, vehicle type classification and so on
- ✧ New algorithms of human detection and tracking, human action recognition, human pose estimation and so on
- ✧ New applications of pervasive services and IoT/IoS/IoP systems, like e-health, smart cities

Interested authors can submit Full Technical Papers with maximum 6 papers, Short Papers or Work-in-Progress Papers with maximum 4 pages to [http://www.cybermatics.org/SWC2015/UIC/UIC\\_submission.htm](http://www.cybermatics.org/SWC2015/UIC/UIC_submission.htm). All submissions should follow the IEEE CS format which can be found in UIC2015 submission page.

Accepted papers must be presented at the workshop and will appear in the proceedings of the UIC2015 conference by IEEE Computer Society.

### Important Dates:

**Submission deadline: May 1, 2015**

**Acceptance notification: May 20, 2015**

**Camera ready version: June 5, 2015**

**Workshop date: August 10, 2015**

### Workshop Co-chairs:

**Weishan Zhang**, China University of Petroleum, China

**Klaus Marius Hansen**, University of Copenhagen, Denmark

**Paolo Bellavista**, DEIS, Università di Bologna, Spain

**Wenjuan Gong**, China University of Petroleum, China

### Workshop Contact:

**Wenjuan Gong**,  
wenjuangong@upc.edu.cn