



# CALL FOR PAPERS

## WWW 2017 Ubiquitous and Mobile Computing Track

The Ubiquitous and Mobile Computing track solicits novel research contributions in the diverse area of systems, networking, applications and analysis related to the mobile web. This track seeks to build on the success of earlier editions started in 2014 and continued in WWW last year. As in past years, there will be a continued emphasis on the use of mobile services, sensors and application data to better understand user behavior for the purpose of improving user experience, or more broadly overall utility. For 2017, there is also a strong appeal for powerful examples of pervasive and ubiquitous computing research, especially those that integrate principled data modeling and reasoning to benefit applications of core social relevance like mobile health.

WWW has a tradition of supporting research with a near-term impact to industry, practitioners, and standards bodies. In keeping with such values, the Ubiquitous and Mobile Computing track seeks submissions of exceptional interest to both academic and industrial researchers, and welcomes work that contributes to the understanding of mobile and pervasive systems through the inclusion of: data analysis, experimental findings, novel implementations, deployment experiences, lessons learned, measurement studies, and usability observations. Given the increasing availability of measurements and datasets, this track encourages submissions that incorporate geo-social, urban, sensor and mobile data-driven modeling; as well as studies of the technical issues in accessing web content (from a browser or mobile application) using a mobile or low-power device.

Topics of interest, include, but are not limited to:

- Contributions to mobile applications seeking to benefit the health and wellbeing of users
- Low-cost web access devices and networking for emerging regions
- Experiences in wearable, urban or sensory computing
- Analysis and modeling of mobile data and services
- Experiences with mobile applications, networks and systems
- Usage evaluations of mobile and wireless systems
- Practical deployment and case studies of internet-of-things platforms and applications
- Infrastructure support for mobility and pervasive web
- Data management for mobile and wireless applications
- Applications and services for mobile users
- Location and context-aware applications and services
- Security and privacy of mobile users and their data
- System-level energy management for mobile and wireless devices
- Algorithms and protocols for power management and control

### Important Dates:

- Abstract Registration: October 19, 2016
- Full paper submission: October 24, 2016
- Paper Notification: December 21, 2016

### Track Chairs

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- Nicholas Lane (UCL/Bell Labs)
- Heather Zheng (UCSB)