



## Workshop on User Centric Smart Cities Services UCSC 2018 (in conjunction with Global IoT Summit 2018)

<b>Organizing Committee</b>
<p><b>Workshop General Chairs:</b>          Dr. Antonio Skarmeta Univ. Murcia/OdinS, Spain          Prof. Stephan Haller Bern University of Applied Sciences, Switzerland          Dr. Noboru Koshizuka The University of Tokyo</p>
<b>Technical Program Committee</b>
<ul style="list-style-type: none"> <li>• Dr. Mirko Presser, Alexandra Institute, Denmark.</li> <li>• Dr. Erno Kovacs, NEC Europe</li> <li>• Dr. José Luis Hernández, Univ Murcia, Spain</li> <li>• Dr. Jorge Bernal, Univ Murcia, Spain</li> <li>• Dr. Juan Antonio Navarro, OdinS, Spain</li> <li>• Dr Klaus Moessner, Univ Surrey, UK</li> <li>• Dr Francois Carrez, Univ Surrey, UK</li> <li>• Dr. Gürkan Solmaz, NEC Europe</li> <li>• Dr. Bin Cheng, NEC Europe</li> <li>•</li> <li>•</li> </ul>
<b>Paper Submission Guidelines</b>
<p>All final submissions should be written in English with a maximum paper length of six (6) printed pages see web conference for instructions. Papers must be submitted through EDAS.</p> <p>"IEEE reserves the right to exclude a paper from distribution after the conference, including IEEE Xplore® Digital Library, if the paper is not presented by the author at the conference."</p>
<b>Important Dates</b>
<p>Paper submission deadline: <b>January 31, 2017</b>          Acceptance Notification: <b>March 31, 2018</b>          Camera-Ready Paper Submission: <b>April 30, 2018</b></p>

<b>Call for Papers</b>
<p>One of the latest trends in the ICT world is to embed smart objects in cities, aiming to make them “smart”. Many cities around the world have already a strategy for applying “smart city” concepts with the inclusion of technologies of the Internet of Things (IoT), others are in the process of drafting a strategy for this. The goal is to infuse “intelligent” behaviour in municipal environments, mainly for improving the services that are provided to the citizens and to improve efficiency. Already a multitude of devices in many cities are connected to the IoT and there are various projections about billions of devices that will be connected to the Internet in the near future.</p> <p>The societal challenges manifest themselves most clearly in cities: increasing and dense populations pose challenges regarding transportation, efficient resource usage, safety and also quality of life, and also the OECD sees “cities as the hub for data-driven innovation”. According to another recent study, “the city will require platforms which act as facilitators of digitalization and usage of data culminating in big data” and “the smart city will need to work with platforms on which data can be analysed and shared with other sources as well”. In that sense . Information and Communication Technologies (ICT) and Internet of Things (IoT) could be instrumental in the use of abatement technologies that address energy consumption inefficiencies</p> <p>This workshop to bring together experts from different EU projects, and others regions as Japan and Korea that are working in cross-layer issues in the areas of user-centric smart city solution based on IoT. The goal is to present the recent results to the research community, the industry and standardisation bodies and exchange ideas for joint research activities in the future. Finally, the threats of the IoT for the citizens will be identified analysed, discussing also how the results of the projects can help mitigating these threats. The technical topics of interest include, but are not limited to:</p> <ul style="list-style-type: none"> <li>• Smart Cities, Smart Public Places, and Smart Environments</li> <li>• Smart Home, and IoT-based Building Automation</li> <li>• Smart Agriculture and Water Management</li> <li>• Smart factories and Industry 4.0</li> <li>• Case studies of new or existing IoT based Smart Cities</li> <li>• Novel architectures, protocols, or applications that achieve both security and interoperability (usability)</li> <li>• Testbeds, and experimental results in IoT domains</li> </ul>

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|  | <ul style="list-style-type: none"><li>• Security and privacy challenges of interoperable and usable IoT</li><li>• Lightweight IoT security protocols and architectures</li><li>• Privacy enhancing and anonymization techniques in IoT</li><li>• Energy efficiency solution for IoT</li></ul> <p>This workshop is supported by EU projects CPaaS.io, ENTROPY, ARMOUR and ARIES</p> |
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