



Workshop on Internet of Things for Digital Transformation (in conjunction with Global IoT Summit 2020)

Organizing Committee	Call for Papers
<p>Program Chair:</p> <ul style="list-style-type: none"> • Ioanna Roussaki (National Technical University of Athens, Greece) ioanna.roussaki@cn.ntua.gr <p>General Co-Chairs:</p> <ul style="list-style-type: none"> • Joel Bacquet (European Commission, DG CNET, IoT Unit) Joel.Bacquet@ec.europa.eu • Kevin Doolin (WIT/TSSG, Ireland) kdoolin@tssg.org 	<p>Digital Transformation is a widespread concept embracing the integration of new digital technologies in all aspects of life, impacting individuals, communities, organisations, industries, economies and entire societies. It is strongly linked with the term Industry 4.0 or fourth industrial revolution to describe how a variety of technologies can fundamentally change workplaces, businesses, industries, along with the planning of urban and rural areas in multiple sectors. The Internet of Things (IoT) is a key digital transformation technology or rather an umbrella for a series of technologies that enable, drive and accelerate digital transformation, thus having the potential to bring enormous changes to business operations and added values, as well as to everyday lives of humans.</p> <p>This workshop is aimed to bring together leading academic scientists, researchers and research scholars from different EU projects and the Internet of Things Research Cluster (IERC) to exchange and share their experiences and research results on exploiting IoT to promote and accelerate Digital Transformation. It aims to provide an interdisciplinary platform for researchers, industry players and standardisation bodies to present and exchange ideas on the most recent paradigms, trends and innovations, as well as the research challenges and problems encountered and respective solutions adopted in the field of IoT for Digital Transformation.</p> <p>The technical topics of interest for this Workshop include, but are not limited to the following:</p> <ul style="list-style-type: none"> • IoT Models and Architectures for DT • Coupling IoT with Artificial Intelligence for DT • IoT (Big) Data Mining and Analytics for DT • Industrial IoT and Factory of Things for DT • IoT and robotics for DT • IoT and Social Media for DT • IoT Interoperability and Multi-Platform Integration for DT • IoT devices and wearables for DT • Edge Computing and Mobile Cloud Computing in IoT for DT • End-user and Human Centric IoT for DT • Security, Privacy and Data Protection in employing IoT for DT • Service Quality and Performance in IoT for DT • HMI and Quality of User Experience in IoT for DT • IoT-based Applications, Services and for DT • Real Implementations/Deployments and Large scale pilots on IoT for DT • IoT testbeds and testing tools in DT • IoT Standardization and Regulation for DT <p>We encourage conceptual and empirical submissions from all IoT application domains in urban and rural environments, such as:</p> <ul style="list-style-type: none"> • Smart Cities and Smart Environments • Smart Farming and Precision Agriculture • IoT-based Supply Chains and Retail • Smart Energy Management • Industry 4.0 and Smart factories • e-Health and Ambient Assisted Living • Intelligent Transportation • Smart Government
<p>Important Dates</p> <p>Paper submission deadline: March 15, 2020 Acceptance Notification: April 15, 2020 Camera-Ready Paper Submission: April 30, 2020</p>	<p>This workshop is supported by EU projects DEMETER and WATERMED.</p>
<p>Paper Submission Guidelines</p> <p>Final submissions must not substantially overlap papers already or simultaneously submitted to a journal or a conference with proceedings. Their contents 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>	
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