



10th Mediterranean Conference on Embedded Computing (MECO2021)

SMART4ALL Special Session

Budva • Montenegro • June 07-11, 2021
www.embeddedcomputing.me



The **10th Mediterranean Conference on Embedded Computing (MECO 2021)** is a continuation of very successful MECO events from 2012. It is an International Scientific Forum aimed to present and discuss the leading achievements in Embedded Computing, Cyber Physical Systems and Internet of Things. MECO 2021 will provide an opportunity for scientists, engineers and researchers to discuss new applications, design problems, ideas, solutions, research and development results, experiences and work-in-progress in this important technological area. Topics of interest include, but are not limited to:

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| <ul style="list-style-type: none"> ⤴ <i>Software and Hardware Architectures for Embedded Systems</i> ⤴ <i>Systems on Chip (SoCs) and Multicore Systems</i> ⤴ <i>Communications, Networking and Connectivity</i> ⤴ <i>Sensors and Sensor Networks</i> ⤴ <i>Mobile and Pervasive/Ubiquitous Computing</i> ⤴ <i>Distributed Embedded Computing</i> ⤴ <i>Real-Time Systems</i> ⤴ <i>Adaptive Systems</i> ⤴ <i>Reconfigurable Systems</i> ⤴ <i>Design Methodology and Tools</i> ⤴ <i>Application Analysis and Parallelization</i> ⤴ <i>System Architecture Synthesis</i> ⤴ <i>Multi-objective Optimization</i> ⤴ <i>Low-power Design and Energy Management</i> ⤴ <i>Hardware/Software Simulation</i> ⤴ <i>Rapid prototyping</i> ⤴ <i>Testing and Benchmarking</i> ⤴ <i>Micro and Nano Technology</i> ⤴ <i>Internet of Things</i> | <ul style="list-style-type: none"> ⤴ <i>Organic/Flexible/Printed Electronics</i> ⤴ <i>MEMS</i> ⤴ <i>VLSI Design and Implementation</i> ⤴ <i>Microcontroller and FPGA Implementation</i> ⤴ <i>Embedded Real-Time Operating Systems</i> ⤴ <i>Cloud Computing in Embedded System Development</i> ⤴ <i>Digital Filter Design</i> ⤴ <i>Digital Signal Processing and Applications</i> ⤴ <i>Image and Multidimensional Signal Processing</i> ⤴ <i>Embedded Systems in Multimedia and Communications</i> ⤴ <i>Consumer Electronics</i> ⤴ <i>Wearable Health Care</i> ⤴ <i>Emergency and Disaster Management</i> ⤴ <i>Identification and Supervision Systems</i> ⤴ <i>Industrial, Bio-Medical, Precision Agriculture, Intelligent Transport</i> ⤴ <i>Embedded Robotics, Instrumentation and Measurement</i> ⤴ <i>Embedded Systems in Energy Efficiency</i> |
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SMART4ALL Special Session:

Self-sustained customized cyberphysical system experiments for capacity building among European stakeholders (SMART4ALL), is a four-year flagship EU project under the call DT-ICT-01-2019: Smart Anything Everywhere for connecting Digital Innovation Hubs across Europe. The SMART4ALL consortium consists of 25 European partners with interdisciplinary skills and know-how from universities, research institutes, investors, networking organizations, SMEs, Innovation Hubs and NGOs.

The project will build capacity (via Open Calls) amongst European stakeholders through the development of self-sustained, cross-border experiments that transfer knowledge and technology between academia and industry. It targets CLEC (Customized low energy computing) CPS/IoT and combines a set of unique characteristics that join together different cultures, policies, geographical areas and application domains under a common vision.

General topics arrears of SMART4ALL Special Session within MECO2021 are:

- Digitized transportation,
- Digitized agriculture,
- Digitized environment
- Digitized health with emphasis to COVID-19 pandemic
- Digitized anything .

Submission of papers: Prospective authors are invited to submit two types of contributions: demo papers (short) or presentation that should be sent to meconet.me@gmail.com and will be published in special edition of Session Proceedings or full-length, four-page papers, strictly according to the IEEE Conference Standards and via:

<http://embeddedcomputing.meconet.me/meco-submissions/>

Important Deadlines:

April 15 2021: , Paper submission deadline

Aprim 30 2021; Acceptance-rejection decision

Fees: Demo papers of SMART4ALL consortium members a free of charge. Regular IEEE papers are subject of charge according to the:

<http://embeddedcomputing.meconet.me/meco2021/registration-meco/>

SMART4ALL Session Chairs:

Radovan Stojanović, MECOnet and University of Montenegro
Lech Jóźwiak, MECOnet and Eindhoven University of Technology, The Netherlands

Betim Cico, Metropolitan University, Albania

Publication Chair:

Budimir Lutovac, University of Montenegro, Montenegro

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SMART4ALL Project is:



Funded by the Horizon 2020 Framework Programme of the European Union

Special Session Organisers:

- SMART4ALL Consortium
- MECOnet doo



Useful links:

<https://smart4all-project.eu/>

<http://www.meconet.me/>