Workshop on MEC and IoT for Industry 4.0
(in conjunction with Global IoT Summit 2019)

Organizing Committee

Program Chair:

- **Soumya Kanti Datta** (EURECOM, France)

Technical Program Committee

- Koustabh Dolui, KU Leuven, Belgium
- Tom Coughlin, IEEE CE Society, USA
- Jerome Haerri, EURECOM, France
- More to be added later

Paper Submission Guidelines

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.

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Important Dates

Paper submission deadline: **February 22, 2019**
Acceptance Notification: March 31, 2018
Camera-Ready Paper Submission: April 30, 2019

Call for Papers

The recent growth in connected devices and applications leveraging the IoT has contributed to a steep rise in data processing and intelligence generation demands. Cloud Computing provides a suitable infrastructure for this. But massive and critical IoT use cases have demonstrated the need of having distributed intelligence across the entire IoT architecture elements rather than centralized intelligence in the Cloud. This brings the attention to Multi-Access Edge Computing (MEC) platforms. Such platforms are critical for Smart Manufacturing or Industry 4.0. It is anticipated to bring significant service, maintenance cost savings through predictive maintenance, reduce time to manufacture through Digital Twin concept, and promote circular economy. The realization of a smart manufacturing facility involves monitoring, control, configuration of the IoT devices, robotic agents automatically.

This workshop to bring together experts from different EU projects and the Internet of Things Research Cluster (IERC) that are working in cross-layer issues in the areas of MEC and IoT based Industry 4.0 or Smart Manufacturing. 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.

The technical topics of interest include, but are not limited to:

- Industry 4.0
- Industrial Cyber Physical Systems
- Big Data and AI for Industry 4.0
- MEC for Automatic agent reconfiguration
- Autonomous systems for Industry 4.0
- Applications, testbeds, and case studies
- Security, privacy, and trust.