Workshop on Business Model Innovation and Sustainability in IoT (BMIS-IoT)

Half day workshop in conjunction with the IEEE Global IoT Summit 2019 (IEEE Communications Society)
https://www.globaliotsummit.org

The third edition of the IEEE Global IoT Summit is held in June 17-21, 2019 in Aarhus, Denmark and is collocated with IoT Week 2019 (https://iotweek.org). GIoTS 2019 seeks contributions on how to nurture and cultivate IoT technologies and applications for the benefit of society.

The workshop **"Business Model Innovation and Sustainability in IoT" (BMIS-IoT)** aims to describe the complex interplay of IoT technology invention and the business model innovation (BMI) associated with the utilization including identification of sustainability items in short- and long term perspective. Nicola Terrenghi, researcher at Researcher at University of Lausanne and Product Manager at Bridge17.org will give a keynote entitled "Method to identify sustainability items in IoT" followed by different presentations of interdisciplinary studies and a hands-on session of BMI and sustainability methods.

The interdisciplinary studies of interest include but are not limited to:

1. Case studies and longitudinal studies of BMI in IoT: Position and technical papers describing the usage of IoT and BMI methods used for developing new businesses ideas and related innovation processes. This also includes the driving stakeholders (e.g., developers, industry, end-users, standardization organs) influenced by targeted market and audience, business development, education, legislation, ethics, development cycles, and theory.

2. Evaluation of IoT application and innovation in terms of business potential toward sustainability: With focus on the IoT technology in the business models both in the innovation and the development stages and on business models in the market. Evaluation or IoT applications and services in terms of privacy and security towards trusted and sustainable deployments are of particular interest.

3. Economic, social, and ecological aspects for IoT sustainability: With focus on IoT platforms and frameworks that improve life and interact with the environment having consequences with a high impact on existing solutions, technologies, and businesses. Position papers on multi-stakeholder platforms, where centralization is challenged and models such as cooperative networks and platforms are encouraged.

4. IoT technology influences and cross-sectoral learnings on adoption of IoT technology: Studies describing IoT technology utilized in different ways across different sectors. Also, studies describing the influence of deployed IoT technology in the same sectors or business models. Setting-up new interactions in existing ecosystems and the emergence of new ecosystems upon the deployment of IoT technology. Adoption of IoT and data driven business models moving across industry sectors showing significant learning. The use of cases and real implementations as well as studies giving evidence of performance and accuracy of solutions.

Paper submission guidelines:
****

All final submissions should be written in English with a maximum paper length of six (6) printed pages. Manuscripts will undergo a thorough process of peer reviews by at least three members of the technical program committee. Accepted and presented papers will be published in the conference proceedings and submitted for inclusion to IEEE Xplore. Submission implies that at least one author will register and attend the conference to present the publication if the paper is accepted. See website for the Global IoT Summit for further instructions.

Paper Submission Due Date: **Feb. 22, 2019** Paper Acceptance Notification: **Mar. 31, 2019** Camera-Ready Submission: **Apr. 30, 2019**

Workshop Committee
****

General Chairs
Corinna Schmitt, Research Institute CODE, Universität der Bundeswehr München, Germany
Mirko Presser, Aarhus University, Denmark

TPC Members
Rob van Kranenburg, IoT Council, Belgium
Stefan Fischer, University of Lübeck, Germany
Sotiris Nikoletseas, Patras University and CTI, Greece
Klaus Moessner, University of Surrey, United Kingdom
Soumya Kanti Datta, Eurecom, France
Payam Barnaghi, University of Surrey, United Kingdom
Tomaz Vidonja, Eurocon, Slovenia
Srdjan Krco, DunavNET, Serbia
Annabeth Aagaard, Aarhus University, Denmark
Mahmoud Daneshmand, Stevens Institute of Technology, U.S.A.
Sebastien Ziegler, Mandat International, Switzerland
Sead Bajrovic, Grundfos, Denmark
John Soldatos, AIT, Greece
Antonio Jara, HES-SO, Switzerland
Nemanja Ignjatov, University of Vienna, Austria
Florian Metzger, Universität Würzburg, Germany
Torben Bjerrum, Aarhus University, Denmark
Marimuthu Palaniswami, Melbourne University, Australia
Cesar Alexandre de Souza, University of Sao Paulo