

## Special Session Call for Papers

### The Impact Assessment of the Internet of Things (IAIoT)

#### Overview

The Internet of Things (IoT) is regarded as one of the prominent technologies of this century which has acquired lots of attention in society, industry and academia. Meanwhile, The past decade has witnessed a paradigm shift in the way research councils and funders view the impact of such technologies. We have moved from a situation where Impact is the serendipitous outcome of research to one where impact has to be planned and explicit rather than accidental and implicit. This focus on impact has led to both a change in practice among researchers and a change in behaviour among research funders, with a great emphasis on achieving excellence with impact in terms of demonstrable contribution to society, culture, the economy or quality of life beyond academia (RCUK, 2011; HEFCE 2007). Despite this increase in demand for making impact explicit, and the existence of many guidelines for researchers (Impact Taskforce, 2014; REF, 2014; HEFCE, 2017; ESRC, 2017), there is no one single strategy for evaluating impact, rather there are many approaches for impact assessment. Moreover, there is presently no uniformed, platform for IoT impact assessment teams to share their assessment frameworks and their evidencing methodologies.

This special session invites papers that investigate impact assessment of IoT technologies in general and IoT wearables in particular, on safety and security, crowd management, cyber security, economy, or society.

#### Topics

- IoT Impact assessment approaches and methodologies
- Case studies of IoT impact assessment
- IoT wearables impact assessment techniques
- The impact assessment of mobile applications
- IoT impact assessment on safety and security
- IoT impact assessment of crowd management
- IoT impact assessment of cyber security
- Economical or societal impact of IoT technologies

#### Contribution Types

Proposals for participation in the Special Session can be submitted in the following formats:

- Full Paper (min. 10 max. 12 pages). These include mainly accomplished research results.
- Short Paper (min. 6 max. 8 pages). These are mostly composed of work in progress reports or fresh developments.

All submissions will be peer-reviewed by at least two reviewers. All accepted papers will be included in the conference proceedings, provided at least one author pays the registration fee. The conference proceedings will be published as IMCL2019 Proceedings in the Springer series "[Advances in Intelligent Systems and Computing](#)".

For further questions, please contact the track chair(s).

#### Important Dates

08 Jul 2019 Submission of complete papers for special sessions

29 Jul 2019 Notification of acceptance

06 Sep 2019 Camera-ready due & Author registration deadline

31 Oct 2019 Conference Opening

## Submission

Please visit: <https://www.conftool.net/imcl-conference/> and submit your paper as in the special session “**The Impact Assessment of the Internet of Things (IAIoT)**”

## Program Committee

### Chair(s)

Dr. Rasha Ibrahim, Leeds Beckett University, UK, [rasha.ibrahim@leedsbeckett.ac.uk](mailto:rasha.ibrahim@leedsbeckett.ac.uk)

### Members

Prof. Dorothy Monekosso, [D.N.Monekosso@leedsbeckett.ac.uk](mailto:D.N.Monekosso@leedsbeckett.ac.uk)

Dr. Muhammad Ali Nasir, [m.a.nasir@leedsbeckett.ac.uk](mailto:m.a.nasir@leedsbeckett.ac.uk)

Dr. Hazem Heswani, [h.heswani\\_19@outlook.com](mailto:h.heswani_19@outlook.com)

Holly Towndrow, [H.Towndrow@leedsbeckett.ac.uk](mailto:H.Towndrow@leedsbeckett.ac.uk)