



The 24th IFIP  
World  
Computer  
Congress  
September 17-22, 2018  
Poznan, Poland



## **Call for Papers**

### **First cross-domain**

## **IFIP Internet of Things (IoT) Conference**

**18-20 September 2018**

IoT is hot. Experts and organizations are addressing the topic in policy statements, papers and conferences. There are many aspects to be looked at when talking about IoT. Earlier developments were quite focused on the lower level aspects such as interfacing, communication protocols and standards, base platforms, energy efficiency and energy harvesting, smart devices and smart sensors, etc. With the exponential growth of the number of devices and sensors connected to Internet and their increasing levels of embedded intelligence, other relevant challenges emerge, including organizational structures, collaborative cyber-physical ecosystems, end-user development, self-organizing systems, distributed decision making, collective adaptive and cognitive systems, behavioural models, systems resilience, handling big data, etc. The IFIP Internet of Things (IoT) Conference as part of the IFIP WCC 2018 addresses this wide variety of aspects. Papers will show technical advancements, research on major questions, policy issues, and so on.

Perspectives will be from the people and organizations involved (users, ICT professionals, user organizations, ICT industry, authorities / regulators) but also from the phase of an IoT system or component (development, production / manufacturing, implementation, maintenance, management, use).

We invite you to submit papers to this conference.

### **Main topics of interest (non-exhaustive list)**

- Technical issues and challenges
- Legal issues (incl liability)

- Ethical issues
- Education, training, awareness
- End-User Development
- Usability and accessibility
- Context-dependent applications
- Environmental issues
- Organizational and collaborative structures
- Risks, Privacy, Security, and Resilience issues
- Impact on persons and society
- Novel applications and business models
- Professionalism / duty of care
- Etc.

## Submission Guidelines

Submitted papers must be original, unpublished, and not submitted to another conference or journal for consideration. Accepted papers will be presented at the conference and included in the conference proceedings published in the IFIP Advances in Information and Communication Technology ([AICT](#)) series by Springer Science and Business Media.

All papers must be written in English. Submissions should be at most 16 pages long in total including references and appendices. Submissions should not be anonymized. Program Committee members are not required to read the appendices, so the paper should be intelligible without them.

Authors must follow the [Springer formatting instructions](#). Each paper will receive at least 3 reviews. At least one author of each accepted paper must register by the early registration date indicated on the conference website and present the paper.

For paper submissions go to <https://easychair.org/conferences/?conf=ifipiot2018>

## Important dates

- Submission due: 15 March 2018
- Notification of acceptance: 15 May 2018
- Deadline for final version: 15 June 2018

## Program Co-Chairs

- Leon Strous, *De Nederlandsche Bank, The Netherlands*
- Vinton Cerf, *Google, USA*

## Program Committee

(members of the IFIP Domain Committee IoT)

- Luis Camarinha-Matos, *Nova University of Lisbon, Portugal*
- Gordon Fletcher, *University of Salford, United Kingdom*
- Christina Moertberg, *Linnaeus University, Sweden*
- Fabio Paterno, *CNR-ISTI, Italy*
- Ricardo Reis, *Universidade Federal do Rio Grande do Sul, Brazil*
- Damien Sauveron, *University of Limoges, France*
- Basie von Solms, *University of Johannesburg, South Africa*
- Marco Winckler, *University Paul Sabatier, France*

(list will be expanded soon with additional program committee members)

For more information visit the congress website <http://wcc2018.org> (alternatively <http://wcc2018.put.poznan.pl>) or feel free to contact Leon Strous at [strou@iae.nl](mailto:strou@iae.nl)