



Important Dates

Special session proposals
18 March 2022

Abstracts
8 April 2022

Full papers
6 May 2022

Notification of acceptance
17 June 2022

Camera ready version
1 July 2022

General co-chairs

Srinivas Katkooi, USA
Paul Havinga, NL

Program co-chairs

Luis Camarinha-Matos, PT
Luis Ribeiro, SE

Local Organizing Chair

Leon Strous, NL

Web Chair

Omkar Dokur, USA

Steering Committee

Carmelo Ardito, IT
Torsten Brinda, DE
Luis Camarinha-Matos, PT
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A Min Tjoa, AT
Basie von Solms, SA
Ulrika H. Westergren, SE
Marco Winckler, FR
Li Da Xu, USA

5th IFIP International Internet of Things (IoT) Conference

== IoT through a Multi-disciplinary Perspective ==

27-28 October 2022

Amsterdam, The Netherlands

The IFIP International Internet of Things (IoT) Conference is the annual event of IFIP totally dedicated to IoT research, innovations, and applications. The fifth conference in the series continues to put emphasis on the **multidisciplinary nature** of the IoT world. IoT covers a wide range of topics, from communication network protocols and embedded systems to data analytics and machine learning algorithms, but also considering social, legal, ethical, and economic aspects, having the objective of enabling a vast array of services in areas like e-health, mobility, energy, manufacturing, smart cities, and agriculture, just to cite a few examples. IoT deployment needs also to take into consideration the security, privacy, and social aspects of networking, which need to be fully investigated to ensure real added value for IoT users.

The IFIP IoT Conference addresses this wide variety of topics. Papers are sought to show technical advancements, research on major questions, innovation, pilot site results and policy issues. Perspectives might be from the people and organizations involved, like researchers, users, user organizations, ICT industry, authorities, and regulators.

Main topics of interest (non-exhaustive list)

- Education, training, awareness
- Human-centric development
- Context-dependent applications
- Sustainability and 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
- Legal and ethical issues
- IoT networks
- IoT architectures
- IoT devices
- IoT low power design
- IoT standards
- IoT / Cyber-Physical Systems integration
- Pilot site results
- Artificial Intelligence in IoT
- IoT edge, fog, and cloud architectures
- Distributed ledger technologies for IoT
- Interoperability of IoT deployment

Submissions and submission guidelines

We solicit submissions of full papers and poster presentations. Proposals for special sessions can be submitted via the special form on the conference website.

Submitted full papers must be original, unpublished, and not submitted to another conference or journal for consideration. Poster presentations will have to be student papers.

Accepted submissions will be presented at the conference and included in the pre-conference book to be published in the IFIP Advances in Information and Communication Technology (AICT) series by Springer Nature. Authors can choose to publish their paper as an open access paper, for details contact Leon Strous. Proceedings will be submitted for indexing in SCOPUS and Web of Science. Previous editions are already indexed in SCOPUS. Selected papers will be eligible for a special issue in the Springer Nature Computer Science (SNCS) journal (<https://www.springer.com/journal/42979>)

All papers must be written in English. Full papers should be at most 18 pages long in total including references and appendices. The paper should be intelligible without having to read the appendices. Poster presentations should be at most 4 pages. Submissions should not be anonymized. Authors must follow the Springer formatting instructions for the IFIP AICT series, see <https://www.springer.com/series/6102>. Each paper will receive at least 3 reviews. At least one author of each accepted paper must register by the early registration date and present the paper. Poster presentations will have to be presented by the student(s).

For paper submissions go to <https://easychair.org/conferences/?conf=ifipiot2022>

For more information visit the conference website <http://ifip-iotconference.org/> or contact Leon Strous (strou@iae.nl), Srinivas Katkooi (katkooi@usf.edu) or Luis Camarinha-Matos (cam@uninova.pt)

Message re. COVID-19

The IFIP IoT 2022 conference is planned as a physical meeting. Given the uncertainty with regards to COVID-19, there will be options to present papers and participate virtually in case the COVID-19 situation prevents physical attendance. The organizers are committed to have the event on the dates as scheduled. COVID-19 uncertainties should therefore not discourage you from submitting your paper that, if accepted and presented, will be published in our conference proceedings published by Springer in the IFIP AICT series.