

The *ITU Journal on Future and Evolving Technologies (ITU J-FET)* is an international journal providing complete coverage of all communications and networking paradigms, free of charge for both readers and authors. The ITU Journal considers yet-to-be-published papers addressing fundamental and applied research. It shares new techniques and concepts, analyses and tutorials, and learnings from experiments and physical and simulated testbeds. It also discusses the implications of the latest research results for policy and regulation, legal frameworks, and the economy and society. This publication builds bridges between disciplines, connects theory with application, and stimulates international dialogue. Its interdisciplinary * approach reflects ITU's comprehensive field of interest and explores the convergence of ICT with other disciplines. The ITU Journal welcomes submissions at any time, on any topic within its scope.



Special issue on

Internet of Everything

Call for papers

The *Internet of Everything (IoE)* is the interconnection of people, processes, data, and things. It was conceptualized by CISCO as the natural evolution of the Internet of Things (IoT), in the aim of including the entire realm of information sources and destinations in one paradigm.

Although the IoE concept has attracted the increasing attention of the scientific community since its introduction, the research results achieved so far have only just scratched the surface leaving the very fundamental questions regarding the IoE unanswered. In fact, the IoE has characteristics in terms of scale, heterogeneity of involved entities, sensitivity of the information managed and user expectations that pose novel questions requiring a radical rethinking of several core communication and networking concepts.

In the spirit of the ITU J-FET journal, the objective of this special issue is to contribute to the technological and theoretical advancement in the IoE domain by stimulating novel research contributions covering the main IoE research issues.

Suggested topics (but not limited to):

- Quality of Service (QoS) and Quality of Experience (QoE) in the Internet of Everything
- Interaction models for the Internet of Everything
- Big data management for the Internet of Everything
- Cloud and edge cloud services for the Internet of Everything
- Transport protocols for the Internet of Everything
- Network architectures for the Internet of Everything
- Software defined Internet of Everything
- Naming for the Internet of Everything
- Security and privacy issues
- Scalability issues
- Fragmentation issues for the Internet of Everything
- Traffic models for the Internet of Everything
- Standardization issues
- Internet of Everything application pilots and experimentation

Additional information:

Please visit the ITU Journal website at: <https://www.itu.int/en/journal/j-fet/Pages/default.aspx>

Inquiries should be addressed to Alessia Magliarditi at: journal@itu.int



Keywords

Network architecture, protocols, Internet of things, wireless sensor networks

Extended deadlines

Paper submission: **6 April 2021**

Paper acceptance notification: 10 May 2021

Camera-ready paper submission: 7 June 2021

Paper submission

This special issue calls for original scientific papers. Submitted papers should not be under consideration for publication elsewhere. Submissions must be made electronically using EDAS: Editor's Assistant at <https://edas.info/N27910>. Templates and guidelines can be found at <https://www.itu.int/en/journal/j-fet/Pages/submission-guidelines.aspx>

Publication

As soon as they get accepted, papers will be continuously published on the ITU digital library. They will then be bundled into the special issue digital publication.

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