



## Selected Papers from the International Conference on Communications, Signal Processing and Their Applications (ICCSPA '20)

Guest Editors:

**Prof. Dr. Khalid Elgazzar**

**Prof. Dr. Aboelmagd Noureldin**

**Prof. Dr. Mohamed El-Tarhuni**

**Prof. Dr. Mohamed Hassan**

Deadline for manuscript  
submissions:

**closed (30 June 2021)**

### Message from the Guest Editors

Dear Colleagues,

The convergence of the Internet of Things and artificial intelligence brings future applications into reality in every domain of our life including smart cities, intelligent transportation, industrial manufacturing, public safety and law enforcement, smart health, and many others. This requires innovative and ground-breaking techniques at various levels of the software and hardware stack to meet the stringent requirements of these applications from the network, system, and infrastructure perspectives. This Special Issue invites selected papers from the “**International Conference on Communications, Signal Processing and their Applications**” to deep dive on these topics and provide full technical details and thorough evaluations of their scientific contributions. This Special Issue intends to gather transformational ideas and cutting-edge results on diverse technology developments related to the Internet of Things and signal processing from different perspectives to promote research efforts and accelerate community adoption of the recent technology advancements.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Gianluigi Ferrari

Department of Engineering and  
Architecture, University of Parma,  
Parco Area delle Scienze, 181/A,  
43124 Parma, Italy

## Message from the Editor-in-Chief

*Future Internet* is a fast-growing journal devoted to rapid publications of the latest results in the general areas of computer networking/communications and information systems, with a focus on the Internet of Things, big data and augmented intelligence, smart systems (in terms of technologies, architectures, and applications), network virtualization, edge/fog computing, and cybersecurity. Both theoretical and experimental papers are welcome. Every year, *Future Internet* also features Special Issues dedicated to specific topics within the journal's scope.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, ESCI (Web of Science), Ei Compendex, dblp, Inspec, and other databases.

**Journal Rank:** JCR - Q2 (Computer Science, Information Systems) / CiteScore - Q1 (Computer Networks and Communications)

## Contact Us

---

*Future Internet* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/futureinternet](http://mdpi.com/journal/futureinternet)  
[futureinternet@mdpi.com](mailto:futureinternet@mdpi.com)  
[X@FutureInternet6](https://twitter.com/FutureInternet6)