



Experimentation in 5G and Beyond Networks: State of the Art and the Way Forward

Guest Editors:

Dr. Giuseppe Caso
giuseppe@simula.no

Prof. Özgü Alay
ozgu@simula.no

Prof. Anna Brunstrom
anna.brunstrom@kau.se

Dr. Harilaos Koumaras
koumaras@iit.demokritos.gr

Dr. Almudena Díaz Zayas
adz@uma.es

Dr. Valerio Frascolla
valerio.frascolla@intel.com

Deadline for manuscript
submissions:

30 April 2021

Message from the Guest Editors

Dear Colleagues,

As defined by the 3rd Generation Partnership Project (3GPP) standards in the Release 15 specifications, only recently has the first phase of the 5th Generation (5G) of cellular systems started to be deployed worldwide. Each country, based on its own needs and local market requests, has decided on its own deployment roadmap of 5G services. This ongoing first phase of deployment will be followed by enhanced versions of the standards in the following years. In parallel with the commercial rollout, the capability to experiment and validate the planned new features, thanks to data-driven analyses based on field trials and measurements, is of extreme interest to the whole 5G ecosystem. These analyses make it possible to identify correlations between deployment choices and achievable 5G key performance indicators (KPIs), while guiding towards system optimization and enhancement.

This Special Issue aims to collect original contributions on experimental aspects of 5G and beyond networks and systems.

For more information, please click: mdpi.com/si/57500.





Editors-in-Chief

Prof. Dr. Assefa M. Melesse

Dr. Alexander Star

Prof. Dr. Mehmet Rasit Yuce

Prof. Dr. Eduard Llobet

Prof. Dr. Guillermo Villanueva

Dr. Vittorio M.N. Passaro

Dr. Davide Brunelli

Message from the Editorial Board

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

Author Benefits

Open Access:—free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed by the [Science Citation Index Expanded](#) (Web of Science), [MEDLINE](#) (PubMed), [Ei Compindex](#), [Inspec \(IET\)](#) and [Scopus](#).

CiteScore (2019 Scopus data): **5.0**; ranked 17/129 (Q1) in 'Physics and Astronomy: Instrumentation' and 147/670 (Q1) in 'Electrical and Electronic Engineering' and 70/300 (Q1) in 'Computer Science: Information Systems'.

Contact Us
