

Special Issue

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

Message from the Guest Editors

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.

Guest Editors

Dr. Giuseppe Caso

Prof. Dr. Özgü Alay

Prof. Dr. Anna Brunstrom

Dr. Harilaos Koumaras

Dr. Almudena Díaz Zayas

Dr. Valerio Frasca

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Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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