Special Issue

Microwave Photonics 2018

Message from the Guest Editors

Bringing together the worlds of radiofrequency and optics engineering, the interdisciplinary field of Microwave Photonics (MWP) pursues the generation, processing, and distribution of microwave and millimeter-wave signals by photonic means.

Apart from the considerable added value that MWP brings to traditional microwave and radiofrequency systems, this interdisciplinary field holds a promising future in a myriad of emerging areas, such as the Internet of Things, medical imaging systems using Terahertz waves, optical coherence tomography, distributed sensing.

This Special Issue will address the current progress and latest breakthroughs in “Microwave Photonics”, covering among others the topics listed below. Both original research papers and review articles are welcome. Fiber-wireless communications and 5G; Radiofrequency signal processing, sensing, and measurements; Arbitrary microwave waveform generation; Optoelectronic oscillation; Microwave signal distribution; Integrated microwave photonics; Terahertz photonics and applications; Novel applications of microwave photonics.

Guest Editors

Dr. Ivana Gasulla

ITEAM Research Institute, Universitat Politècnica de València, 46022 Valencia, Spain

Prof. Mable P. Fok

Lightwave and Microwave Photonics Laboratory, College of Engineering, University of Georgia, Athens, GA 30606, USA

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

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

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