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Symmetric/Asymmetric Design in Microwave Communication Systems & Embedded Systems for Emerging Wireless Technologies

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Deadline for manuscript submissions:
closed (31 May 2024)

Message from the Guest Editors

Dear Colleagues,

Symmetric and asymmetric designs are fundamental concepts in microwave communication systems and embedded systems, especially when it comes to accommodating emerging wireless technologies like 5G, IoT (Internet of Things), 6G, and beyond. These concepts play a critical role in optimizing the performance, functionality, and efficiency of these systems. Symmetric design in microwave communication systems and embedded systems for emerging wireless technologies prioritizes balanced components and enhancing signal integrity...

Potential topics include, but are not limited to, the following:

- Passive components (filters, couplers, transitions, waveguides, etc.);
- Active components (amplifiers, mixers, oscillators, etc.);
- RF packaging and package modelling;
- RF MEMS and microsystems;
- Sensors and RFID;
- Embedded systems architecture;
- ETC...

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Guest Editors

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Editor-in-Chief

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Message from the Editor-in-Chief

Symmetry is ultimately the most important concept in natural sciences. It is not surprising then that very basic and fundamental research achievements are related to symmetry. For instance, the Nobel Prize in Physics 1979 (Glashow, Salam, Weinberg) was received for a unified symmetry description of electromagnetic and weak interactions, while the Nobel Prize in Physics 2008 (Nambu, Kobayashi, Maskawa) was received for the discovery of the mechanism of spontaneous breaking of symmetry, including CP symmetry. Our journal is named *Symmetry* and it manifests its fundamental role in nature.

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