Special Issue

Recent Advances in MIMO and Array Antennas

Message from the Guest Editors

Modern communication devices need specialized components and equipment to operate at full efficiency. Due to the introduction of 5G and beyond 5G, traditional antenna designs are becoming outdated, and thus, a need for intelligent antenna systems has emerged. Multiple-antenna technologies include array antennas and multiple-input–multiple-output (MIMO) antennas. Array and MIMO antennas are the most important types of antennas which are mandatory for achieving a high data rate multimedia communication through indoor wireless routers or simply on-the-go. The application of such antennas is not limited to cellular communication, and it includes many other areas, such as smart cars, e-health, autonomous vehicles, smart grids and implantable electronics, etc. This Special Issue focuses on publishing work on new MIMO and array antennas. The aim of this issue is to promote modern and novel antenna designs to meet the requirements of compact and high-performance wireless terminals. This issue focuses on applications that involve antennas for implantable and portable electronics.

Guest Editors

Dr. Sultan Shoaib

Dr. Masood Ur Rehman

Dr. Djuradj Budimir

Prof. Dr. Akram Alomainy

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

mdpi.com/journal/electronics

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Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

Editor-in-Chief

Prof. Dr. Flavio Canavero
Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

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