Special Issue

Smart Embedded Systems and Applications

Message from the Guest Editors

This Special Issue covers a wide range of challenges, technologies and state of the art for the design, development and realization of these smart and complex embedded systems and their applications. Topics include but are not limited to: - Real-time embedded system;
- Eco-friendly embedded systems⬚
- Connected embedded system;
- Synchronous programming for embedded systems;
- Co-design hardware/software for embedded systems;
- Multi-core and system-on-chip (SoC) architectures and programmation;
- Blockchain based security for embedded systems;
- Verification and validation of embedded systems;
- Virtual prototyping and simulation of embedded systems;
- Quality assessment and modeling of embedded systems;
- Model-based safety assessment of embedded systems;
- Process development of embedded systems;
- Use, interests and risks of AI for embedded systems;
- Systems engineering deployment for the development of embedded systems;
- Model-based systems engineering for embedded applications;
- Applications of embedded systems in energy, Industry 4.0, aerospace, space, drone, automotive, medicine;

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Deadline for manuscript submissions

closed (15 August 2021)

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Message from the Editor-in-Chief

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 guest-edited by leading experts in selected topics of interest.

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