Smart Embedded Systems and Applications

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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;

Special Issue

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Message from the Editor-in-Chief

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