

## Special Issue

# Artificial Intelligence and Microsystems

### Message from the Guest Editors

The rapid development of artificial intelligence has fuelled technological innovations in various fields, which have resulted in the development of many advanced, application-driven solutions. The purpose of this Special Issue is to provide a comprehensive overview of the latest applications and advances in AI and microsystem technology and related areas. It especially seeks to highlight innovative research and development efforts in microsystem design and the integration of microsystems and AI technology for end-side applications. Contributions to this Special Issue will explore the characteristics and trends of these technologies in end-side applications and how they can be utilised to address contemporary challenges in various fields.

- End-side lightweight artificial intelligence deployment techniques;
- The application of microsystem verification techniques;
- Techniques for artificial intelligence-assisted microsystem design;
- Techniques to improve microsystems' architectures, integration, and reliability;
- High-speed optical link devices for the interconnection of AI systems;
- Multi-agent autonomous control and decision-making;
- Artificial intelligence-based image recognition technology.

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### Guest Editors

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### Deadline for manuscript submissions

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## Electronics

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## About the Journal

### 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 guestedited by leading experts in selected topics of interest.

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### Editor-in-Chief

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