

## Special Issue

# Artificial Intelligence Systems Design for IoT Applications

### Message from the Guest Editors

Artificial intelligence (AI) systems are at the core of future generations of Internet-of-Things (IoT) applications that constitute our Industrial Revolution 4.0 ambitions. Empowering AI pervasively can transform the way information-led decisions are autonomously made in our day to day life. However, in advancing this technology, significant challenges have surfaced around energy efficiency, security, and dependability.

In this Special Issue, we invite papers delineating innovative hardware, software, and systems approaches to addressing the above challenges. We also encourage researchers to provide novel insights covering areas from low-level circuit to cross-layer systems design.

Topics include but are not limited to: AI hardware sensor design for AI

energy-efficient hardware design

new applications and integration methods

dependable AI systems design

security of sensing and AI systems

security techniques, including cryptography and biometrics For more information on the issue, please

visit the Special Issue website at:

[https://www.mdpi.com/journal/sensors/special\\_issues/AISDIoTA](https://www.mdpi.com/journal/sensors/special_issues/AISDIoTA)

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### Guest Editors

Prof. Dr. Rishad Shafik

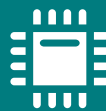
Dr. Maryam Mehrnezhad

Dr. Ehsan Toreini

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### Deadline for manuscript submissions

closed (30 September 2022)



## Sensors

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*Sensors*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sensors@mdpi.com](mailto:sensors@mdpi.com)

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## About the Journal

### Message from the Editor-in-Chief

*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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### Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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