



Exploring the Latest Advances in the Areas of Security and Artificial Intelligence in the Context of Nanoelectronics

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Message from the Guest Editors

Dear Colleagues,

This Special Issue focuses on the effect of the recent advances in the fields of security and artificial intelligence (AI) on the broad field of nanoelectronics.

Lately, significant progress has been made in the fields of nanomaterials and nanodevices. This Special Issue explores the interaction between novel and conventional state-of-the-art nanoelectronics, on the one side, and the concepts of security and artificial intelligence, on the other side. In particular, it focuses on the following subjects:

- The potential of state-of-the-art nanoelectronics to offer more secure and more intelligent applications and systems;
- Ground-breaking threats, risks, attacks, countermeasures, and security solutions introduced by the utilisation of novel nanodevices;
- Advanced artificial intelligence systems either implemented using such nanoelectronics or employed to facilitate their design, integration, adoption, and/or use, including AI-based Computer-Aided Design (CAD) for nanodevices as well as neuromorphic computing based on novel nanoelectronics.





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Message from the Editor-in-Chief

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