Special Issue

Future Prospects of Thin-Film Transistors and Their Applications

Message from the Guest Editor

As we know, thin-film transistors (TFTs) are essential components in various electronic devices, such as displays, sensors, and memory devices, due to their high performance, low power consumption, and flexibility.

This issue would cover a wide range of topics related to TFTs, including TFT materials, TFT fabrication techniques, TFT device architectures, TFT characterization methods, TFT device reliability and TFT-based applications in various fields. The special issue will highlight the importance of collaboration among researchers from different disciplines, including materials science, electrical engineering, and physics, to overcome the technical barriers and bring TFTs to real-world applications.

Overall, this special issue will provide a comprehensive overview of the current state-of-the-art in the field of TFTs and highlights the exciting opportunities and challenges in this rapidly evolving field. The papers presented in this special issue are expected to stimulate further research and innovation in the field of TFTs and pave the way for future electronic applications. You are more than welcome to submit high quality review or original research papers.

Guest Editor

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Editor-in-Chief

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