

Special Issue

Advances in Ultra-Wide Bandgap Devices

Message from the Guest Editor

This Special Issue aims to highlight recent developments and the state of the art in the field of UWBG and devices, including both experimental results and theoretical developments. These include advances in all important aspects of key materials such as Ga₂O₃, AlN, BN, AlGa_N, and diamond; as well as the modelling, simulation, design, epitaxy, fabrication technology, reliability, novel device architectures, advanced characterizations and applications to improve the performance of devices and circuits. This Special Issue will report on new advancements in Ultra-Wide bandgap devices that include, but are not limited to, the following topics:

- UWBG growth and material properties
- power electronics
- device simulation
- processing
- electrical and structural characterization

Guest Editor

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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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