

## 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 Ga<sub>2</sub>O<sub>3</sub>, AlN, BN, AlGa<sub>N</sub>, 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

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### Guest Editor

Dr. Farid Medjdoub

IEMN (Institute of Electronics, Microelectronics and Nanotechnology),  
Avenue Poincaré, 59650 Villeneuve d'Ascq, France

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### Deadline for manuscript submissions

closed (31 July 2022)



## Electronics

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

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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

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di  
Torino, 10129 Torino, Italy

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