

## Special Issue

# GaN-Based Materials and Devices

### Message from the Guest Editors

We would like to invite researchers to contribute to this Special Issue on GaN-based Materials and Devices. This Special Issue provides reviews while introducing new research updates on some key aspects of GaN-based material growth and device designs. The potential topics of this Special Issue include but are not limited to: High indium and/or aluminum composition growth Ga-polar or N-polar growth Novel nitride growth, such as boron nitride Light-emitting diodes (LEDs) Laser diodes (LDs) Vertical-cavity surface-emitting lasers (VCSELs) Microcavity or resonant cavity LEDs MicroLEDs UV LEDs Long-wavelength devices GaN based HEMTs or FETs Tunnel junctions III-nitride device physics III-nitride quantum dot growth III-nitride device processing

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### Guest Editors

Dr. Matthew S. Wong

Materials Department, University of California, Santa Barbara, CA 93106-5055, USA

Dr. Islam H. Sayed

Department of Electrical and Computer Engineering, University of California, Santa Barbara, CA 93106-5055, USA

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### Deadline for manuscript submissions

closed (10 July 2022)



## Crystals

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

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## About the Journal

### Message from the Editor-in-Chief

Welcome to *Crystals*, the journal dedicated to the fascinating world of crystallographic research! Crystals are more than mere decorative elements; they hold the key to understanding the fundamental structure of matter. Our mission is to explore the crucial significance of this research across various fields. From medicine to technology, chemistry to geology, crystals play a vital role. Their structure provides insights into new advanced materials, innovative drugs, and groundbreaking technologies. Through *Crystals*, we delve into the microscopic world to discover solutions that will shape the future. Join us on a journey through the *Crystals*, where science merges with beauty and innovation.

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### Editor-in-Chief

Prof. Dr. Alessandra Toncelli  
Department of Physics, University of Pisa, 56126 Pisa, PI, Italy

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