# **Special Issue**

## Recent Advances in III-Nitride Semiconductors

## Message from the Guest Editors

GaN and the group-III nitride family are typical wide bandgap semiconductors. The interest in group-III nitrides lies in their irreplaceable and efficient blue-UV luminescence capability. Recent progress in GaN-based material quality and device design relies on well-mastered techniques of material growth and the formation of desired structures with other elements. This offers a high possibility of creating high-quality materials and diverse functional devices. Therefore, we invite researchers to contribute to this Special Issue on "Recent Advances in III-Nitride Semiconductors", covering a broad spectrum of topics from the study of materials, micro/nano structures, and novel functional devices to new applications in frontier fields. The topics include but are not limited to:

- Growth of GaN-based materials and micro/nanostructures:
- Characterization of the materials and the heterostructures;
- GaN-based novel devices, including emission, detection, and power devices;
- Application and integration of the materials and novel devices in novel electronics and photonics

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## Deadline for manuscript submissions

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## Editor-in-Chief

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