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III-N Based Semiconductor Nanomaterials for Photonic and Electronic Devices

Guest Editors:

Prof. Dr. Joon Seop Kwak

Korea Institute of Energy
Technology, Suncheon 57922,
Korea

Dr. Jae-Hyun Ryou

Department of Mechanical
Engineering, Cullen College of
Engineering, University of
Houston, 4726 Calhoun Rd, Rm
N207, Houston, TX 77204-4006,
USA

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Message from the Guest Editors

Dear Colleagues,

The aim of this Special Issue is to publish original research presenting very latest developments at the advancements in III-N based nanoscale device fabrication technology leading to the next generation Photonics and electronic devices for all kinds of applications. It is predicted that this will cover a wide range of ultraviolet to visible spectra region optoelectronic and electronic devices.

Prof. Joon Seop Kwak

Guest Editor

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Special Issue



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Editor-in-Chief

Prof. Dr. Shirley Chiang

Department of Physics, University
of California Davis, One Shields
Avenue, Davis, CA 95616-5270,
USA

Message from the Editor-in-Chief

Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call “nanomaterials”. These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal-organic frameworks, membranes, nano-alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access.

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Nanomaterials Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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