



Special Issue

Announcing a Feature Section of the *IEEE Photonics Journal* dedicated to: **Numerical Simulation of Optoelectronic Devices**

Submission Deadline: March 1, 2025

The IEEE Photonics Journal will publish a Feature Section dedicated to Numerical Simulation of Optoelectronic Devices. The purpose of this issue is to collect expanded versions of papers presented at the Conference on Numerical Simulation of Optoelectronic Devices (NUSOD 2024), hosted in New Delhi, India, and is also open to original manuscripts on the conference topic not presented at NUSOD 2024.

This Feature Section welcomes contribution on the latest development of the modeling and simulation of semiconductor lasers (edge emitting, VCSELs, VECSELs, and PCSELs), light-emitting diodes, optical modulators, optical amplifiers, photodetectors, solar cells, photonic devices and circuits, materials for optoelectronics, active and passive optical integrated circuits, quantum optoelectronics. We encourage submissions that highlight new and emerging research areas, as well as those that provide novel solutions to practical problems in the field.

We look forward to receiving your submissions and showcasing the latest developments in the field of optoelectronics in Photonics Journal.

The submission starts on **October 1, 2024** and the deadline for submission of manuscripts is **March 1, 2025**. Submissions should be made online at <https://iee.atyponrex.com/journal/pj-ieee> with papers formatted compliant to IEEE Photonics Journal standards. All submissions will undergo a rigorous peer-review process according to the Journal publication rules. Authors are advised to carefully review and comply with our submission guidelines, which can be found on the website. Be sure to tag the paper type as “Numerical Simulation of Optoelectronic Devices”, not an Original Paper.

Authors may contact anyone below for more information or at the website at <https://www.photonicssociety.org/publications/photronics-journal/call-for-papers>.

Guest Editors

Prof. Paolo Bardella
Dr. Rikmantra Basu
Dr. Kankat Ghosh
Dr. Riddhi Nandi

Politecnico di Torino, Italy
National Institute of Technology Delhi, India
Indian Institute of Technology Jammu, India
GlobalFoundries, Bangalore, India

Staff

Yvette Charles

PJ Editorial Office
IEEE/Photonics Society
445 Hoes Lane
Piscataway, NJ 08854 USA
Phone: 732-981-3457
Email: y.charles@ieee.org