

Special Issue

Advances and Application of Electron Beam Dynamics

Message from the Guest Editors

We are pleased to invite you to submit a manuscript to the *Photonics* Special Issue "Advances and Application of Electron Beam Dynamics". Radiation sources based on electron beams play a well-established role in exploring and characterizing advanced materials, biomaterials, and living matter, with a diverse range of ground-breaking applications in industry, medicine, life science, fundamental research, and cultural heritage. This Special Issue plans to offer a wide up-to-date review on recent progress within the field of electron-based photon sources encompassing the most recent results at running facilities, experimental beam techniques, beam optics instruments, advanced theoretical concepts, diagnostic tools, novel beam configurations, coherence enhancement methods, and upgrade status of present user facilities.

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About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Photonics* (ISSN 2304-6732). *Photonics* is an online open access journal covering both the fundamental and applications of optics and photonics. *Photonics* strives to provide an avenue to allow authors to disseminate their scientific findings—both theoretical/ simulations and experimental works—in highly accessible peer-reviewed journal publications. The manuscript in *Photonics* will be handled with quick turnaround production processing time. We welcome authors to submit their manuscripts for publications in *Photonics*. Our goal in *Photonics* is to enable fast dissemination of high impact works to the scientific community.

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