

Special Issue

Advances and Applications of Grating

Message from the Guest Editors

Grating is a crucial component for manufacturing, metrology, and scientific instruments. With the advantages of excellent stability to environmental changes, grating has already played a pivotal role in the beginning of the era of atomic-level manufacturing. On the flip side, the quality and performance of grating have been greatly improved by the development in extreme manufacturing and nanometrology. This Special Issue aims to present an overview of the state-of-the-art research related to the advances and applications of grating, including the design, manufacturing, metrology, and application of all kinds of gratings. We welcome comprehensive and visionary research and review articles. We cordially invite researchers to submit their contributions to this Special Issue. Topics include, but are not limited to, the following:

- Design and simulation of gratings.
- Manufacturing approach, equipment, and process of gratings.
- Test and calibration model, method, and device of gratings.
- Various applications of gratings.
- Novel kinds of gratings such as meta-grating and MOEMS grating.

Guest Editors

Dr. Di Chang
Dr. Xinghui Li
Dr. Zhaowu Liu

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Photonics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
photonics@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Nelson Tansu

School of Electrical and Electronic Engineering (EEE), The University of Adelaide, Adelaide, SA 5005, Australia

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