

# Special Issue

## Recent Advancement in Microwave Photonics

### Message from the Guest Editors

Microwave photonics is an interdisciplinary subject that brings together the areas of microwave engineering and photonics. It has attracted lots of attention from both the academia and industry world due to its unique advantages such as low loss, high frequency, ultrawide bandwidth and immunity to electromagnetic interference. A variety of novel solutions for microwave photonic signal generation, processing, control and distribution have been achieved in recent years, which propel microwave photonic technology to new heights. We are pleased to invite you to submit your work to this Special Issue. This Special Issue aims to highlight the recent advancements in microwave photonics. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but not limited to) the following:

- Microwave photonic signal generation;
- Microwave photonic signal processing;
- Microwave photonic signal control and distribution;
- Microwave photonic radar;
- Microwave photonic frequency measurement;
- Integrated microwave photonics;
- Microwave photonic components and systems;
- Applications of microwave photonics.

### Guest Editors

Prof. Dr. Lei Zhang

Dr. Lu Wang

Dr. Tengfei Hao

### Deadline for manuscript submissions

closed (31 December 2025)



## Photonics

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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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### Editor-in-Chief

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