

# Special Issue

## Application of Multimode Optical Fibers

### Message from the Guest Editors

This Special Issue covers a large scope of research in MMF applications and solicits contributions in, but not limited to:

- MMFs for telecommunications;
- MDM;
- MIMO technique for optical networks with MMFs;
- Laser optimized multimode optical fibers;
- Few mode optical fibers;
- Laser-based multi-gigabit data transmission over large core optical fibers;
- Fiber optic sensors based on a few-mode effects;
- Extremely enlarged core optical fibers;
- MMFs in medicine;
- MMFs in lasers/laser delivery systems;
- Image transmission over MMFs;
- Chiral MMFs;
- Microstructured and photonic crystal MMFs.

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### Guest Editors

Prof. Dr. Anton Bourdine

Dr. Ilnur Nureev

Prof. Dr. Manish Tiwari

Prof. Dr. Vladimir Burdin

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### Deadline for manuscript submissions

closed (31 January 2022)



## 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

Prof. Dr. Nelson Tansu

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