



## Novel Optical and Photonic Glass-Based Materials: Synthesis, Characterization and Application

Guest Editors:

**Prof. Laetitia Petit**

Photonics Laboratory, Tampere  
University, Korkeakoulunkatu 3,  
33720 Tampere, Finland

**Dr. Arnaud Lemiere**

Photonics Laboratory, Tampere  
University, Korkeakoulunkatu 3,  
33720 Tampere, Finland

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### Message from the Guest Editors

Dear Colleagues,

Glass has for decades been a key material, suitable for the creation of a diverse range of passive and active devices, especially for photonics applications, and it has become of great interest for a wide range of applications related to telecommunications, light detection and ranging (LIDAR), solar panels, and spectroscopy, just to cite a few. Research has been focused on the development of new optical glass materials with new functionalities.

The aim of this Special Issue is to highlight the latest developments in optical (active and passive) glasses and glass ceramics, and especially to advance the fundamental understanding of the relationship between material chemistry (both composition and structure) and optical, luminescence properties. Topics of interest also include the latest research on advanced characterization of material properties, new processing methods for the fabrication of glasses and glass ceramics, and advances in glass fibers and films.

Prof. Laetitia Petit

Dr. Arnaud Lemiere  
Guest Editors





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### Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

## Message from the Editor-in-Chief

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Materials Editorial Office  
MDPI, St. Alban-Anlage 66  
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