

## Special Issue

# Photonic Glass-Ceramics: Fabrication, Properties and Applications

### Message from the Guest Editors

This Special Issue will provide the presentation of technological advances and the latest research on the state-of-the-art in innovative processing and non-conventional applications where photonic glass-ceramics meet the challenges presented by everyday life and future needs. Interested and committed individuals from academia, national laboratories, industries, and start-up companies are invited to contribute by submitting papers regarding the role of photonic glass-ceramics on the following and related topics:

- Aerospace;
- Automotive;
- Bioinspired optical nanostructures;
- Biomaterials;
- Coherent and not coherent optical sources;
- Defense;
- Energy-related technologies;
- Environmental protection;
- Frequency conversion;
- Healthcare;
- Integrated optics;
- Lightning;
- Luminescent glass-ceramics;
- Modeling of photonic glass-ceramics;
- Ongoing applications and forecasts;
- Phosphors;
- Photon management;
- Photonic crystals and light trapping devices;
- Quantum nanotechnologies;
- Sensing.

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### Guest Editors

Prof. Dr. Anna Lukowiak

Dr. Wilfried Blanc

Dr. Maurizio Ferrari

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### Deadline for manuscript submissions

closed (28 February 2021)



## Applied Sciences

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*Applied Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[appls@mdpi.com](mailto:appls@mdpi.com)

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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

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