Light-Emitting Silicon Nanostructures

Guest Editor:

Dr. Kateřina Kůsová
Academy of Sciences of the Czech Republic, Prague, Czech Republic
kusova@fzu.cz

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Message from the Guest Editor

It is my honour to invite researchers to submit their papers covering this open and rapidly evolving field of light-emitting silicon nanostructures to this Special Issue. The potential topics include, but are not limited to, the following:

- Fabrication of light-emitting silicon nanostructures including surface-termination or encapsulation techniques
- Photophysical properties and their correlation with structure and surface chemistry
- Doping and emission tuning
- Theoretical modelling of silicon nanostructures and their light emission
- Advanced optical as well as structural characterization
- Toxicity, biodistribution and excretion of silicon nanostructures
- Engineering silicon nanostructures towards a specific application, ranging from photovoltaics to cellular imaging
Message from the Editor-in-Chief

Crystals are a very important class of structured material, both from a scientific and technological viewpoint. In 2011, the Nobel Prize in Chemistry was awarded to Dan Schechtman for his work on quasicrystals. Our journal already expresses in its name *Crystals* that its focus centers around all aspects of this class of materials, which has fascinated humankind from its beginning. Despite decades of research on crystals, it remains a hot and fascinating research topic.

*Crystals* is a good platform for dissemination of knowledge in this area.

Author Benefits

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Contact Us

*Crystals*  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
Fax: +41 61 302 89 18  
www.mdpi.com  
mdpi.com/journal/crystals  
crystals@mdpi.com