Special Issue

Polymers for Cryogenic Temperatures for Space and On-Ground Applications

Message from the Guest Editor

Until recently, materials that served at cryogenic temperatures were mainly used in space technology, for example, liquefied gases as rocket fuel in very critical conditions in space. But today, many energy solutions are already needed to ensure a safe environment at very low temperatures; currently, the most well-known field is the storage and transport of liquefied natural gas (LNG). In the future, liquefied hydrogen (LH2) will play an increasingly important role in energy, which will be produced in places where natural energy is easily available, e.g., from the sun in deserts, and transported to intensive industrial areas. Materials, both metals and polymers, that are used at these very low temperatures have specific requirements: they must not be brittle, they must not be gas permeable, they must not absorb moisture, and they must have many special properties that we cannot currently predict. Dear colleagues, you are invited to publish in this Special Issue your research on innovative materials that will be used both in space technologies and in future energy.

Guest Editor

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Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.7.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Alexander Böker
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