Special Issue

Laser processing in polymer research

Message from the Guest Editors

Lasers are being utilized in many applications, for example, pulsed laser deposition, laser micromachining, selective laser sintering, selective laser melting, and stereolithography have been used for processing biomaterials. A variety of devices, including cardiovascular stents, biosensors, drug delivery devices, and scaffolds for tissue engineering also have been created using laser-based processes. This Special Issue will consider current developments in this interdisciplinary area. Potential topics could include, but are not limited to: - Laser texturing/patterning/deposition of polymers and/or polymer composites, thin films and coatings - Rapid prototyping/transfer/printing of polymers and/or polymer composites assisted by laser - Laser processing of polymers, including micro- and nanofabrication, modeling etc. - Evaluation, performance, and applications of laser-processed polymers/polymer composites in nanotechnology, biomedicine, green chemistry, electronics, sensing, catalysis, etc. -Laser fabrication of 3D polymer constructs, microstructures, etc. -Nanoparticle-mediated laser polymerization

Guest Editors

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Deadline for manuscript submissions

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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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