

Special Issue

Advances in Smart Textile

Message from the Guest Editor

Smart textiles are considered as the next frontline for electronics and recent developments in advance technologies have led to the appearance of wearable electronics by fabricating, miniaturizing and embedding flexible smart materials into textiles. The combination of textiles and smart materials have led to the development of new capabilities in fabrics with the potential to change how people interact with their clothes and other textile products. This Special Issue is motivated by the observed growing interests on the design, fabrication and application of smart textiles in many fields. Textiles traditionally perform social and protective functions, but the addition of wearable electronics provides the means to produce a new generation of smart textiles. These years, smart textiles are explored and show many functions, such as, energy harvesting/storage, force/pressure measurement, sensors, etc. However, performance, scalability, and cost problems have restricted the deployment of currently-available smart textiles. The approach of new energy materials and novel fabrication methods are essential to develop smart textiles.

Guest Editor

Prof. Dr. Javad Foroughi

1. School of Mechanical & Manufacturing Engineering, The University of New South Wales, Sydney, NSW 2052, Australia
2. Department of Cardiothoracic, Transplantation and Vascular Surgery, Hannover Medical School, Hannover, Germany

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Polymers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
polymers@mdpi.com

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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

Lehrstuhl für Polymermaterialien und Polymertechnologie, University of Potsdam, 14476 Potsdam-Golm, Germany

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