



Detection and Diagnosis of Polymer Composites for Electrical and Electronic Engineering Application

Guest Editors:

Dr. Hongwei Mei

Tsinghua Shenzhen International
Graduate School, Shenzhen,
China

Dr. Li Cheng

School of Electrical Engineering,
Chongqing University,
Chongqing, China

Prof. Dr. Xiaobo Meng

School of Mechanical and
Electrical Engineering,
Guangzhou University,
Guangzhou 510006, China

Deadline for manuscript
submissions:

closed (10 September 2023)

Message from the Guest Editors

Dear Colleagues,

Polymer composites have been widely applied in electrical power systems, electrical insulation equipment, electrical and electronic devices, etc. Their operation performances directly affect the safety of equipment and power grid. Because the deterioration of polymer composites is affected by their own performance, operation and maintenance conditions, atmospheric environment, and other factors, only by relying on advanced detection and diagnosis methods, technologies, and devices can we determine their service status in time.

This Special Issue focuses on the detection and diagnosis of polymer composites applied in the field of electrical and electronic equipment, including but not limited to methods, technologies, and devices such as the detection and diagnosis of the operating states of polymer composites, the detection and characterization of ex-factory performances of polymer composites, and the application evaluation of polymer composites.

We look forward to receiving your work for this Special Issue.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Alexander Böker

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

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 5.0.

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubMed, PMC, FSTA, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q1 (Polymer Science) / CiteScore - Q1 (General Chemistry)

Contact Us

Polymers Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/polymers
polymers@mdpi.com
X@Polymers_MDPI