



Reliability of Materials and the Systems: Volume II

Guest Editors:

Prof. Dr. Hyunseok Oh

School of Mechanical
Engineering, Gwangju Institute of
Science and Technology,
Gwangju 61005, Korea

Prof. Dr. Sang-Jae Kim

Department of Mechatronics
Engineering, Jeju National
University, Jeju-si 63243,
Republic of Korea

Prof. Dr. Insu Jeon

Department of Mechanical
Engineering, Chonnam National
University, 77 Yongbong-ro, Buk-
gu, Gwangju 61186, Korea

Deadline for manuscript
submissions:

closed (16 May 2021)

Message from the Guest Editors

Dear Colleagues,

Reliability is now receiving significant attention from industries such as electronics, automotive, heavy-chemical industries, and power plants. The international competitiveness of the industries in a globalized economy is closely tied to the high reliability of materials and systems.

To this end, this Special Issue aims to showcase the latest reliability theory and applications, prognostics and health management (PHM) research trends, advanced material processing technologies, reliability assessment, theoretical and experimental reliability analysis, and other related topics.

Warm Regards,

Prof. Dr. Hyunseok Oh

Prof. Dr. Sang-Jae Kim

Prof. Dr. Insu Jeon

Guest Editors





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo

Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Engineering, Multidisciplinary*) / CiteScore - Q1 (*General Engineering*)

Contact Us

Applied Sciences Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/applsci
applsci@mdpi.com
X@Applsci