Message from the Guest Editors

Dear Colleagues,

Reliability is an important consideration across various industries, including electronics, automotive, heavy-chemical industries, and power plants. The international competitiveness of those industries in a globalized economy is closely tied to the high reliability of their technologies, products, and materials.

In this context, this special issue aims to showcase the latest reliability, and Prognostics and Health Management (PHM) research trends, including their applications, advanced technologies and processes for reliability assessment, advanced theoretical and experimental reliability analysis, and other related topics.

This special issue welcomes full article submissions from presenters, and speakers at the 5th International Conference on Materials and Reliability (ICMR 2019), held November 27-29, 2019 in Jeju, Republic of Korea.

- Reliability
- Prognostics and Health Management
- Advanced Materials
- Material Characterization
- Risk Assessment
- Big Data Analytics
- Smart Manufacturing
- Accelerated Life Testing

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