Advances and Challenges in Reliability and Maintenance Engineering

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Message from the Guest Editor

Dear Colleagues,

With the development of manufacturing technologies such as those promoted by Industry 4.0, reliability and maintenance engineering are increasing in importance due to rising amounts of equipment, systems, fleets of systems, machinery and infrastructure. This brings new challenges to production processes, cyber-physical systems and technology systems. Therefore, this Special Issue intends to present new ideas and solutions in the field of risk analysis, prognostics and health management, dependable cyber–physical systems, self-X in maintenance and dependability, as well as predictive maintenance.

Special Issue

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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.

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