

Special Issue

Optimization, Health Monitoring and Control Methods for Modern Complex Systems

Message from the Guest Editors

In the last few decades, there has been increased attention to the problem of high level of automation for modern complex industrial systems with more focus on reliability, safety as well as economic performance of these systems. To this aim, literature of the work has witnessed the rapid growth of research developments on modeling, control, filtering, diagnostics and prognostics in modern industrial processes, thus become more important for both academic and industrial domains. The primary objective of this Special Issue is to provide a forum for researchers and practitioners to exchange their latest achievements and to identify critical issues and challenges for future investigation on mathematical or data-driven modeling, optimization techniques, health monitoring, diagnostics and control design of modern complex systems. The papers to be published in the issue are expected to provide the latest results in advanced techniques especially for large-scale process industry and advanced complex electric/mechatronic/aerospace systems.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Designs (ISSN 2411-9660) is a peer-reviewed and open access journal which provides a unifying research framework for a wide range of engineering designs of disciplines and industrial applications, including mechanical engineering, electrical engineering, civil engineering, mechatronics, aerospace engineering, bioengineering, energy engineering, industrial engineering and manufacturing systems are of interest. We would like to invite you to contribute to 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

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