Special Issue

Incipient Fault Detection and Diagnosis, Fault-Tolerant Control

Message from the Guest Editors

Health monitoring includes fault detection, fault isolation and fault estimation. It can be based on modelling (physics-based or data driven), or information processing, to retrieve and analyse the most relevant features, to make the most reliable and accurate decision regarding the health status of the process under study. Once the fault has been diagnosed and the alarm sent, the fault-tolerant strategy is engaged to mitigate the fault occurrence, in order to avoid any unpredicted and unwanted stoppages. This can be done with the same level of performances, as long as it is sustainable or with degraded performances. The fault-tolerance strategy is mainly based on the application of theoretical tools from control and information processing. Therefore, this Special Issue has a wide potential audience, including both practitioners and academics working in different areas (energy, transportation, etc...). We invite them all to contribute to this Special Issue and share their valuable experience.
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Guest Editors

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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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