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## Incipient Fault Detection and Diagnosis, Fault-Tolerant Control

Guest Editors:

**Prof. Dr. Demba Diallo**

CNRS, CentraleSupélec, Group of  
Electrical Engineering of Paris,  
Université Paris Saclay, 91400  
Orsay, France

**Prof. Dr. Antonio J. Marques  
Cardoso**

CISE—Electromechatronic  
Systems Research Centre,  
University of Beira Interior,  
Calçada Fonte do Lameiro, P -  
6201-001 Covilhã, Portugal

**Dr. Claude DELPHA**

Laboratoire des Signaux et  
Systèmes, Université Paris-  
Saclay, CNRS, CentraleSupélec,  
91192 Gif Sur Yvette, France

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**closed (20 July 2020)**

### Message from the Guest Editors

Dear Colleagues,

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.

Prof. Dr. Demba Diallo  
Prof. Antonio J. MARQUES CARDOSO  
Dr. Claude DELPHA  
*Guest Editors*



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# Special Issue



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### **Prof. Dr. Enrico Sciubba**

Department of Mechanical and  
Aerospace Engineering,  
University of Roma Sapienza, Via  
Eudossiana 18, 00184 Roma, Italy

## Message from the Editor-in-Chief

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*Energies* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

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