



## Intelligent Electronic Monitoring Systems and Their Application

Guest Editors:

**Dr. Žydrūnas Kavaliauskas**

Plasma Processing Laboratory,  
Lithuanian Energy Institute,  
Breslaujos Str. 3, LT-44403  
Kaunas, Lithuania

**Dr. Vitas Valincius**

Plasma Processing Laboratory,  
Lithuanian Energy Institute,  
Breslaujos Str. 3, LT-44403  
Kaunas, Lithuania

Deadline for manuscript  
submissions:

**closed (20 March 2024)**

### Message from the Guest Editors

Dear Colleagues,

This Special Issue of the journal will publish articles relating to intelligent electronic systems. Electronic systems are widely used in various fields when it is necessary to monitor various parameters. Electronic systems can be designed and manufactured based on PCBs and microcontrollers. In order for the electronics monitoring system to work, it is necessary to create an original software code for its management. This field includes various disciplines such as programming, digital electronics, automatic control, physics, telecommunications, etc. The intended scope of the Special Issue covers areas such as computer science, data electronic monitoring systems, the application of digital electronics, the development of control applications, etc.

Dr. Žydrūnas Kavaliauskas

Dr. Vitas Valincius

*Guest Editors*





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Giulio Nicola Cerullo**

Dipartimento di Fisica,  
Politecnico di Milano, Piazza L.  
da Vinci 32, 20133 Milano, Italy

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (*Engineering, Multidisciplinary*) / CiteScore - Q1 (*General Engineering*)

## Contact Us

---

Applied Sciences Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/applsci](http://mdpi.com/journal/applsci)  
[applsci@mdpi.com](mailto:applsci@mdpi.com)  
[X@Applsci](https://twitter.com/Applsci)