

## Special Issue

# Design and Implementation of Intelligent Systems

### Message from the Guest Editor

It brings me great pleasure to invite you to submit a manuscript to a Special Issue of *Energies* on the topic of “Design and Implementation of Intelligent Systems”. The focus of the SI lies in novel research results related to the broad concept of system intelligence, with particular emphasis on industrial applications. Submissions from the following research areas are especially welcome:

- Energy-efficient industrial systems and control, including distributed control systems (DCS) and Internet of Things (IoT) applications;
- Applications of artificial intelligence (AI) in management of small- and large-scale industrial power networks;
- Design and implementation of digital twins and extended reality (XR) for industrial applications including training, simulation, and SCADA systems;
- Industrial applications of fractional-order calculus (FOC)-based modeling and control of dynamic systems;
- Industrial applications of genetic programming (GP) and symbolic regression (SR);
- Computer vision (CV) applications for maintenance, repair, and safety.

### Guest Editor

Dr. Aleksei Teplyakov

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### Deadline for manuscript submissions

closed (31 December 2020)



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## About the Journal

### 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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### Editor-in-Chief

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