

Special Issue

Challenges and Research Trends in Energy Saving in Production Processes

Message from the Guest Editor

As you know industrial processes are a giant energy consumer, at the same time we live in the era of raising awareness of resource scarcity and progressive climate erosion. Energetic efficiency is undoubtedly a civilization challenge. This challenge cannot be successful without disruptive changes in energy use in production processes. Many production industries have substantially changed their energy consumption in recent decades. However, we still need new systems at the level of power supply and energy conversion, new approaches and solutions for steering the energy usage across manufacturing plants, new more energetically efficient and greener technologies in industries. New technologies of Industry 4.0 are particularly promising in the field of saving energy. Also, awareness of importance of this civilization problem among entrepreneurs is very important. You are welcomed to share your research on energetic issues in production processes, on new technologies and systems, prospects and challenges, alike thought provoking concepts.

Guest Editor

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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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