



## Challenges and Research Trends in Energy Saving in Production Processes

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### 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.





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## Message from the Editor-in-Chief

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