



## Heat Transfer in the Components of Power Boilers and Related Technological and Endurance Problems

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### Message from the Guest Editors

We invite you to submit your original research or overview papers to this Special Issue on the “Heat transfer in the Components of Power Boilers and Related Technological and Endurance Problems” in *Energies*.

Renewable energy becomes a decisive factor in power energy, as their activity alters the stable operation of conventional power units to unsteady, with fast start-ups and shut-downs. Newly built power units (coal- or gas-fired, nuclear) have higher efficiency, that results from raised parameters of steam. As a result, new materials with appropriate mechanical and physical properties are employed in order to withstand the challenging parameters of operation. In nuclear energy, additional ionizing radiation makes the operation of parameters more demanding.

The material evolution requires new technology of manufacturing, ensuring appropriate heat transfer and the enhancement of materials durability. The presentation of research results and studies focusing on this problem will be the subject of this Special Issue of *Energies*.





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## Message from the Editor-in-Chief

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