Special Issue

Experimental and Numerical Investigations of Hydraulic Machines

Message from the Guest Editors

Facing the new challenges of a massive integration of volatile renewable energy sources in electrical power systems (EPS), hydroelectricity must play a major role to provide new solutions to enable participation in EPS regulation capability. For hydraulic machines, it means an increase of the reactivity and the flexibility while ensuring robustness and safety. This Special Issue targets recent experimental and numerical investigations demonstrating the ability of hydroelectricity to address new challenges by pushing the limits of hydraulic machines. Hydraulic machines; Experimental measurements; Numerical simulations; Flexibility

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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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