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Power-to-Gas Energy Storage Technologies

Guest Editor:

Prof. Dr. Michael Fowler

Department of Chemical
Engineering, University of
Waterloo, Waterloo, ON N2L 3G1,
Canada

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Message from the Guest Editor

Dear Colleagues,

Power-to-gas is a promising option for storing distributed and nuclear energy that can be novel concept for the transition to increased renewable content in current fuels with an ultimate goal of a future fossil free energy system including power, transportation and thermal energy needs. In this edition different "pathways" of power to gas will be considered including Power to Hydrogen, Power to Natural Gas End-users, Power to Renewable Content in Petroleum Fuel, Power to Power, Seasonal Energy Storage to Electricity, Power to Zero Emission Transportation, Power to Seasonal Storage for Transportation, Power to Micro grid, Power to Renewable Natural Gas (RNG) to Pipeline ("Methanation"), and Power to Renewable Natural Gas (RNG) to Seasonal Storage.

Prof. Dr. Michael Fowler
Guest Editor



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Special Issue



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Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 Roma, Italy

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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Energies Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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