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## Advances in Hydrogen Energy

Guest Editors:

**Dr. Samuel Simon Araya**

Department of Energy  
Technology, Aalborg University,  
Fredrik Bajers Vej 5, 9100 Aalborg,  
Denmark

**Dr. Vincenzo Liso**

Department of Energy  
Technology, Aalborg University,  
Fredrik Bajers Vej 5, 9100 Aalborg,  
Denmark

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### Message from the Guest Editors

Dear Colleagues,

Hydrogen energy research and development has attracted growing attention as one of the key solutions for a clean future energy system. In order to reduce greenhouse gas emissions, national governments across the world are developing ambitious policies to support hydrogen technology, and an increasing level of funding has been allocated for projects of research, development, and demonstration of this technology. At the same time, the private sector is capitalizing on the opportunity with larger investments in hydrogen technology solutions.

While intense research activities have been dedicated to this field, several issues require further research prior to achieving a full commercialization of hydrogen technology solutions. This Special Issue seeks to contribute to disseminating the most recent advancements in the field with respect to both modeling and experimental analysis. The focus is placed on research covering all aspects of the hydrogen energy route, including fuel production, storage, transportation, and final usage. This also includes the development of hydrogen-based fuels, such as ammonia, alcohols, and methane.



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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, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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