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Proton Exchange Membrane Fuel Cells 2022

Guest Editor:

Dr. Vladimir Gurau
Robotics Process Development Laboratory (RPDL), Department of Manufacturing Engineering, Georgia Southern University, Statesboro, GA 30458, USA

Deadline for manuscript submissions:
closed (15 December 2022)

Message from the Guest Editor

Dear Colleagues,

Proton Exchange Membrane Fuel Cells, also known as Polymer Electrolyte Membrane Fuels Cells (PEMFC) accounted for over 67.7% of the fuel cells market in 2019 and are widely used in automotive, stationary and portable applications such as forklifts, automobiles, telecommunications, primary power systems, and backup power systems. To address the needs in today's fuel cell industry, this Special Issue on PEMFCs focuses on research related to:

- PEMFC systems applications
- PEMFC hybrid power systems
- Innovative and alternative materials for PEMFCs
- PEMFC designs
- PEMFC characterization methods
- Air, heat, and water management for PEMFCs
- Numerical modeling and simulations of PEMFC systems
- PEMFC system integration
- Industrial production technologies for PEMFCs
- Operating strategies for PEMFCs
- Methods and strategies for PEMFC material quality control
- PEMFC material durability and reliability

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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

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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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