

Special Issue

Control, Optimization and Energy Management in Fuel Cell Hybrid Systems

Message from the Guest Editors

The topics covered in this Special Issue include the following:

- **Control Strategies:** Researchers investigate novel control methodologies tailored to hybrid fuel cell systems.
- **Optimization Techniques:** Contributions focus on optimizing the operation of hybrid fuel cell systems to maximize performance metrics
- **Energy Management:** Energy management strategies, encompassing load scheduling, power flow control, and energy storage utilization.
- **Integration Challenges:** Integration challenges associated with hybrid fuel cell systems, including compatibility with renewable energy sources, grid connection, and hybridization.....
- **Sustainability and Environmental Impacts:** Addressing sustainability concerns through environmental impact assessments, life cycle analyses, and strategies for reducing emissions, optimizing.....
- **Performance Evaluation:** Case studies and real-world applications showcasing successful implementations of hybrid fuel cell systems in various domains.
- **Challenges and Future Directions:** Identifying challenges, barriers, and opportunities in optimizing energy management in fuel cell hybrid systems and exploring future research directions.

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