

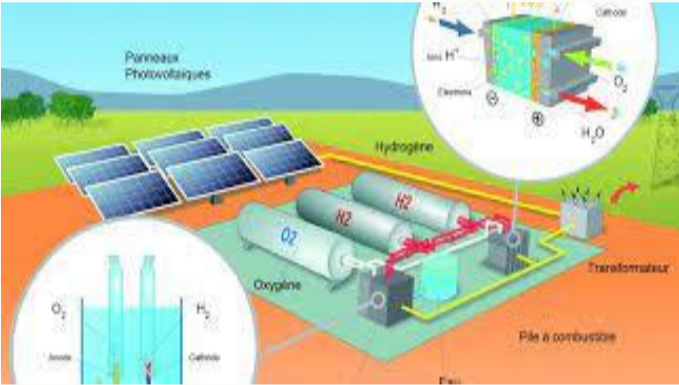
CALL FOR PAPER

First Edition of the Green Hydrogen and Renewable Energies International Conferences
 November 13th 2024

Green Hydrogen and Renewable Energies: Engineering and Economic Challenges GHR3EC-2024

PRESENTATION

As part of its activities related to its participation in the H2-Market project, the Energetic, Mechanical, and Industrial Systems (EMISys) Research Team and the University Center for Entrepreneurship at UM5 Rabat are launching the first edition of the Clean Energy and Sustainable Development Conference. The 2024 edition promises a dynamic and diverse scientific program, featuring numerous sessions led by esteemed researchers. This conference seeks to unite the scientific community and industry leaders focused on green hydrogen and renewable energy, fostering collaboration and advancing this crucial national priority.



The conference offers a prime opportunity for doctoral students to showcase their research and foster synergy among energy researchers nationwide. The primary goal of this event is to highlight advancements in scientific research and present groundbreaking work and innovative projects.

TOPICS

- We are interested in papers that cover; but are not limited to, the following detailed topics:
- Advances in Renewable energy sources
 - Modeling and Simulation of Energy Systems
 - CAD and Multiphysics Modeling
 - Advances in hydrogen production efficiency,
 - Electrolysis technology and production methods,
 - Hybrid systems combining hydrogen with solar and wind energy,
 - Economic Viability and Market Trends for Green Hydrogen,
 - Hydrogen storage technologies,
 - Advance in material,
 - Advance in artificial intelligence and optimization methods for energetic systems
 - Synergies between green hydrogen and other renewable energy sources,
 - Material science advancements for electrolysis,
 - Innovations in hydrogen fuel cells,
 - Impact of hydrogen on water resources,
 - Hydrogen in heavy industry and manufacturing,
 - Hydrogen-powered transportation: cars, trucks, and trains,

ARTICLE SUBMISSION

Researchers wishing to participate in the **GHR3EC-2024** Conference can submit their article proposals in English.

All articles will be presented orally during the thematic sessions. And the authors will have the opportunity, after a selection process, to participate in a three-month free training program on the green hydrogen ecosystem with university certification.

Document Format: Submissions should be in Word or PDF formats, the article should not exceed six pages, including bibliography, tables, and figures. **Text Format:** 2 columns, Times New Roman, 10 points, **Style:** [IEEE Format](#)

The articles will be reviewed by the conference's scientific committee to validate and select the most relevant ones.

For article submissions, please use the following email address: ghr3ec@emi.ac.ma

Certificates will be awarded to the most outstanding works.

IMPORTANT DATES

- **Deadline for submission of full papers:** October 30, 2024
- **Notification of acceptance:** November 5, 2024
- **Registration deadline:** November 10, 2024

For more information visit the website of the conference: <https://www.ghr3ec-emi-2024.com/>

Or contact the Professor : MOUNIR Hamid

mounir@emi.ac.ma

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REGISTRATION FEES

The registration fees, which cover coffee breaks, lunch, and documentation, are as follows:

- **500 Dh** for doctoral students,
- **600 Dh** for professors,

Payment is due by October 30, 2024, via deposit into the following bank account:

- Nom : Association MAICTRA ;
- N° COMPTE : 21.1164.5639.8400.02
- RIB : 1818.1021.1164.5639.8400.0289
- CODE SWIFT : BCPOMAMC
- Object : GHR3EC-2024

EVENT VENUE

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