



ICEER 2022 Call for Papers

12-16 September 2022, Hybrid

<http://www.iceer.net/>

ICEER 2022 - The 9th International Conference on Energy and Environment Research: “Greening Energy to Shape a Sustainable Future”

1 - Presentation

ICEER is being held annually and is now a privileged space to discuss current issues related to Energy and the Environment. This event aims to explore emerging technologies and concepts in a collaborative way, bringing together engineers, researchers and professionals from different areas.

ICEER 2022 is a joint organization of the School of Engineering (ISEP) of the Polytechnic of Porto (P.Porto) and the SCIEI, and will be held at Porto, Portugal during September 12-16, 2022, with collaboration of the Dipartimento di Ingegneria of the Università degli studi "Roma Tre", CIETI and LEPABE research groups.

2 - Important dates

| | |
|---------------------------------------|-----------------------|
| Paper submission (final date): | May 30 June 17 |
| Notification of acceptance | July 11 |
| Authors' registration | July 25 |
| Camera ready | July 25 |
| Conference dates | September 12-16 |

3 - The event

In ICEER2022 @ Hybrid we are aiming to:

- **Enhance the focus on Clean and Safe Energy** – by inviting experts and participants in **Energy, Environment and Sustainability**;
- **Enhance the focus on the Education for Sustainability** topic – by inviting experts in **Education for Sustainability in Engineering**;
- **Awards** – ICEER traditionally attributes a **Best Presentation Award** for each session. Depending on the number and quality of the submitted works, we intend to award:
 - The Best Poster;
 - The Best Oral Flash Presentation;
 - The Best Presentation in each session.

Furthermore, we have planned:

- An ICEER award to the Best Paper in the field of Energy – Authors will be awarded a special prize from Energies (MDPI) – 500 CHF and a certificate.
- An award to the Best Paper in the field of Sustainable Development – Authors will be awarded a special prize from SCIEI organization – 100 EUR and a certificate.

- An ICEER award to the Best Paper in the field of Environment – Authors will be awarded a special prize from SCIEI organization – 100 EUR and a certificate.
- **Offer social activities** – This is an important feature of a conference, towards driving interaction between participants, both during the conference and for future networking. However, the conference has moved to online due to World pandemic. We are still working on the on site event – Coimbra, Portugal. We will do our best to promote interaction among participants. We will have in the end of the conference a Farewell and Awards session, which will be one of our happiest moments.
- **Publish the research works** – This conference intends to be an important event to debate topics related to Energy and Environment linked to Sustainable Development. However, it is also important to disseminate results from our work. Thus, we are working to publish the conference proceedings (6 to 8 pages, template available *asap* in the website) in a journal and presented contributions (selected both from oral and poster + oral flash presentations).
- **We can now announce Special Issues** – Upon extension, a new version of the Paper presented online at ICEER 2022 can be submitted to indexed peer reviewed international journals, with Impact Factor. We are working close with some publishers and the selection will be based on the quality and theme of the Submitted Paper. Formatting will be provided later, depending on each specific Journal.
 - *Energies* (MDPI), IF = 3.004;
 - *Sustainability* (MDPI), IF = 3.251.

4 - Scientific & Technical Committee

Chairs

Nídia Caetano, LEPABE/FEUP & CIETI/ISEP, PT
 Carlos Felgueiras, CIETI/ISEP, PT

5 - List of topics

Submission of works via EasyChair channel will go through two stages: (i) submission of paper (template available on the website) to be reviewed by STC member, and (ii) submission of camera-ready version of accepted paper, upon comments from reviewers, together with a 2 pages extended abstract to be published in the Book of Extended Abstracts (with ISBN).

The full paper submission includes the following possible formats of presentation: a) Oral (10 min); b) Flash Oral (3 min); c) Poster (slideshow + discussion via chat).

If only Abstract is submitted (less than 4 pages); the submission will only be considered for Poster presentation.

In any case, only **original** work, not previously presented or published will be accepted for publication.

Only full papers (6-8 pages) presented online in ICEER2022 will be published in *the Conference Proceedings* – we are planning two equally.

important publications: one in the field of Energy (*Energy Reports*) and another one in the field of Environment/Sustainable Development (finishing agreement soon).

Only quality papers published in the *Conference Proceedings* will be recommended for extension and submission for publication in International Journals by the STC.

The list of topics is shown below.

| Energy | Environment | Education for Sustainable Development |
|--|--|---|
| Advanced control and monitoring systems | Biomass and bio-based products | Behavior towards sustainability |
| Advanced energy technologies | Building retrofit and refurbishment | Challenges, barriers and opportunities |
| Energy efficiency | Carbon pricing | Communication tools for sustainable development |
| Energy markets | Climate change & global warming | Environment and climate friendly schools |
| Energy policy, economics, planning & regulation | Eco-design & eco-efficiency | School-community partnership |
| Integrated energy systems | Ecology & biodiversity conservation | Sustainability across curriculum |
| Modelling, simulation and forecasting of energy and carbon markets | Efficient use of resources | Sustainability education by private industry |
| Nanotechnology applications to renewable energy | Environmental impact assessment | Sustainable Development and education |
| Renewable energy | Environmental policy, economics, planning & regulation | |
| Risk management issues in the energy sector | Environmental pollution, prevention & pollution control | |
| Smart grids | Game theory and strategic behavior in environmental policies | |
| Sustainable cities | Life cycle analysis methodologies | |
| Sustainable buildings | Risk assessment | |
| | Sustainable communities | |

6 – Supporters (to be updated)



7 – Information and conference secretariat

Please check the website for further information: <http://iceer.net>

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