



ICEER 2020 Call for Papers

14-18 September 2020, Porto, Portugal

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

ICEER 2020 - The 7th International Conference on Energy and Environment Research: “Driving energy and environment in 2020 towards 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 2020 is a joint organization of the School of Engineering (ISEP), the Polytechnic of Porto (P.Porto), of the Dipartimento di Ingegneria of the Università degli studi "Roma Tre", and the SCIEI.

Due to the unexpected COVID-19 pandemic, we decided to change the initial location and hold it at ISEP, Porto, Portugal, with collaboration of the CIETI and LEPABE research groups.

2 – Important changes due to COVID pandemic

These troubled and uncertain times, with COVID-19 spread all over the world, have made us re-evaluate the possibility of organizing ICEER2020 in Rome, in September this year, possibly with a very small number of local participants onsite, and most of the presentations being done virtually, or postponing the Conference one week and bringing it to ISEP, Porto, Portugal, where we can receive participants from several countries and still have videoconference.

In fact, we believe that the biggest advantage of a standard conference is the face-to-face discussion of the research being presented, as well as the social moments that are shared under informal environment, allowing experiencing different cultures, which has been one of the ICEER conference series differentiating marks.

Thus, knowing there are now and will be many constraints to travel for the next months, we have decided to organize a mixed format conference, where those that are allowed to travel and want to participate onsite will be very welcome, but where there will also be the room for participants from countries where there is still confinement or restrictions to travel, through videoconference.

Furthermore, if there is a significant number of participants from the same country, possibly we can arrange joint sessions from each of these locations, coordinated by **ICEER 2020** organizers.

3 - Important dates

Paper submission (New final date):	June 30
Notification of acceptance	July 15
Authors' registration	July 24
Camera ready	August 04
Conference dates	September 14-18

4 - The event

In **ICEER2020 @ Porto** we are aiming to:

- **Enhance the focus on Waste Valorization** – by inviting experts and participants in **Energy, Environment and Waste Conversion to Energy and Valuable Products** – **Professor Ange Nzihou will join us for a Keynote Speech.**
- **Enhance the focus on Energy and Environment** – by inviting experts in the **Environmental aspects of Energy** – Keynote speaker to be announced soon;
- **Enhance the focus on the Education for Sustainability** topic – by inviting experts in **Education for Sustainability in Engineering** – Keynote speaker to be announced soon;
- **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:

- **One award to the Best Paper in the field of Chemical Engineering** – Authors team will be awarded a special prize from **ChemEngineering** journal (MDPI) – 250 CHF and a certificate.
- **One ICEER award to the Best Paper in the field of Energy** – Authors team will be awarded a special prize from **SCIEI** organization – 150 USD and a certificate.
- **One ICEER award to the Best Paper in the field of Environment** – Authors team will be awarded a special prize from **SCIEI** organization – 150 USD 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. Thus, we are going to provide you: Welcome reception, Conference dinner and other surprise events.
- **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 (4 to 6 pages, template available *asap* in the website) in a journal and presented contributions (selected both from oral and poster + oral flash presentations), upon extension, in 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.

5 - Scientific & Technical Committee

Chairs

Coriolano Salvini, UniRomaTre, IT
Carlos Felgueiras, CIETI/ISEP, PT
Ambra Giovannelli, UniRomaTre, IT
Nídia Caetano, LEPABE/FEUP & CIETI/ISEP, PT

6 - 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.

The full paper submission includes the following possible formats of presentation: a) Oral; b) Poster + Oral (flash, 3 min); c) Poster.

If only Abstract is submitted (less than 4 pages); paper will only be considered for Poster presentation, and only 2 page abstract will be published in the *Book of Extended Abstracts* (with ISBN).

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

Only full papers (4-6 pages) presented in ICEER2020 will be published in *the Conference Proceedings*.

Only quality papers published in the *Conference Proceedings* will be recommended for extension and submission for publication in International Journals by the STC: *ChemEngineering, Waste and Biomass Valorization, Energies and Sustainability*.

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	

7 – Supporters (to be updated)



8 – Information and conference secretariat

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

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