



ICEER 2018

23-27 July 2018, Prague, Czech Republic

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

ICEER 2018 - The 5th International Conference on Energy and Environment Research

Final Call for Papers

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 these fields, in a collaborative way, bringing together engineers, researchers and professionals from different areas.

ICEER 2018 is a joint organization of the School of Engineering (ISEP) of the Polytechnic of Porto (P.Porto) and the SCIEI, and is held at Prague, Czech Republic, with collaboration of the CIETI and LEPABE research groups.

2 - Important dates

Do not miss the opportunity to join us in the beautiful Prague.

This is your final chance. Check the dates:

Paper Submission:	March 14
Notification of acceptance:	April 07
Authors' registration:	April 23
Camera Ready:	June 23
Conference dates:	July 23-27

3 - List of topics

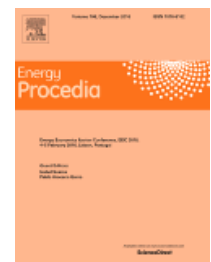
Submissions of papers to be presented in **ICEER2018 @Prague** are welcome. These include the following formats: a) Oral presentation; b) Poster + Oral presentation; c) Poster presentation.

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

Only papers presented in ICEER2018 will be published in the Conference Proceedings (Energy Procedia, Elsevier).

Only quality papers published in the Conference Proceedings will be recommended for publication in **International Journals** by the STC. These papers will be reviewed by experts in their fields, as in any common number of the journal.

The list of topics includes:



Energy and Environment

Air Pollution Control
Climate Change & Global Warming
Computational Techniques
Ecology & Biodiversity Conservation
Energy Policy, Planning & Management
Environmental Ergonomics
Environmental Hydraulics
Environmental Management Systems
Environmental Pollution & Pollution Prevention
Industrial Waste Treatment
Noise & Acoustics
Remote Sensing & Environment
Renewable Energy Sources
Solid Waste Management
Sustainable Development
Waste Valorisation
Water Pollution & Treatment

Renewable Energy

Biogas and biomass
Hybrid energy systems
Hydroelectric, geothermal, tides and waves
Integrated energy systems
Nanotechnology applications to RE
Regional issues, economics and policy
Rural electrification
Solar cell technology
Solar cell materials, testing and efficiency
Solar electricity and PV applications
Solar thermal applications
Wind energy

Education for Sustainability

Advances in sustainable buildings
Behavior on sustainability
Energy issues
Environmental impact assessment
Envisioning tomorrow sustainability
Sustainable cities
Zero Energy Buildings

Advanced Energy Technologies

Desalination
Electrical vehicles
Energy from the Space, Dark Energy
Energy Storage Systems
Nuclear Energy Application: Power Generation
Nuclear Energy: Fission and Fusion
Nuclear Materials and Fuels

Fuels and Combustion

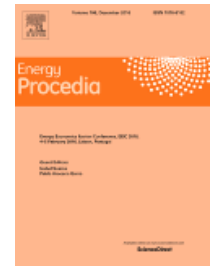
Alternative fuels
Bio-diesel fuels
Emissions from ICE and their control
Fuel additives
Hybrid and electric vehicles
Hydrogen and fuel cells
NG as fuel for rural transportation

4 - Present event

In **ICEER2018 @ Prague** we are planning to continue the publication of the Conference Proceedings in Energy Procedia:

- **Enhance the focus on the Education for Sustainability** topic – by inviting experts in **Education for Sustainability in Engineering**;
- **Enhance the focus on Energy Storage** – by inviting experts and participants in **Energy Storage Systems**
- **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.
- **Social activities** – This is one of the most important features of a conference, towards driving interaction between participants, both during the conference and for future networking:
 - Welcome reception;
 - Conference dinner;

- Discover Prague – [Prague is a UNESCO World Heritage Site](#). We are working on further activities for those who would like to know a bit more.
- **Conference publications** – This conference intends to be an important place to debate topics related to Energy and Environment. However, it is also important to disseminate results from our work. Thus, we have available:
 - **Conference Proceedings** – in the Energy Procedia (4 to 6 pages, [template available soon](#) in the website, for camera ready version);
 - **Journals** - Possibility of publication of selected and presented contributions (both oral and poster 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 of the Submitted Paper. Depending on the main field, some works will be invited to be extended for submission in journals – Regular or Special Issue. Formatting will be provided later, depending on each specific Journal.



5 - Scientific & Technical Committee (to be updated)

Co-Chairs

Manuel Carlos Felgueiras, CIETI/ISEP, PT

Nídia S. Caetano, CIETI/ISEP & LEPABE/FEUP, PT

Members

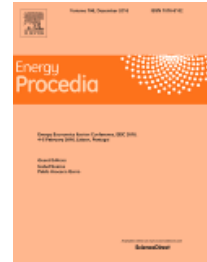
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Carlos Páscoa	Portuguese Army	PT
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Florinda F. Martins	REQUIMTE/ISEP/P.Porto	PT
Franz Gassner	University of Saint Joseph USJ, Macau	CN
Galyna Tabunshchyk	Software Tools Department, Zaporizhzhia National Technical University	UA

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Hooman Farzaneh	Institute of Advanced Energy, Kyoto University	JP
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Isabel Praça	GECAD/ISEP/P.Porto	PT
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José C. P. Lopes da Costa	ISEP	PT
José Tenreiro Machado	Department of Electrical Engineering / ISEP-School of Engineering, Polytechnic of Porto	PT
Kouzou Abdellah	Applied Automation and Industrial Diagnostics, Djelfa University, Faculty of Sciences and Technologie, Algeria	DZ
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Luis C. Martinhago Schlichting	Federal Institute of Santa Catarina (IFSC)	BR
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M. Belén Folgueras	School of Mining, Energy and Materials of Oviedo (EIMEM)	ES
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Mário Costa	Instituto Superior Técnico, Universidade de Lisboa, Portugal	PT
Meisam Tabatabaei	BRTeam/ABRII/IBS	IR
Michael Hartnett	Civil Engineering / Environmental Change Institute / NUI Galway	IE
Miroslava F. Smitkova	UEAE FEI STU/Bratislava/Slovakia	SK
Mohamed Benbouzid	University of Brest, FRE CNRS 3744 IRDL, Brest	FR
Mohammed Serrhini	University Mohamed First Oujda Morocco/FSO/LARI	MA
O. Parthiba Karthikeyan	Visiting Research Fellow, Chinese Academy of Sciences, Changsha, China and R&D Manager, ProLog Biologicals Pvt. Ltd., India	CH/IN
Orhan Ekren	Solar Energy Institute-Ege University	TR
Oualid Hamdaoui	Laboratory of Environmental Engineering / U. Annaba	DZ
Paula M.L. Castro	Universidade Católica Portuguesa, CBQF - Centro de Biotecnologia e Química Fina, Escola Superior de Biotecnologia	PT
Ramiro S. Barbosa	GECAD/ISEP/P. Porto	PT
Raoudha Chaabane	LESTE-ENIM, IPEIM	TN
Ricardo Jorge Costa	CIETI/LABORIS/ISEP/P.Porto	PT
Romeu Hausmann	FURB - University of Blumenau	BR
Roque Brandão	Department of Electrical Engineering / ISEP-School of Engineering, Polytechnic of Porto	PT
Rosa M. B. R. Pilão	CIETI/ISEP/P.Porto	PT
Rosa M. Quinta-Ferreira	CIEPQPF/DEQ/FCTUC/U.Coimbra	PT
Rui A. R. Boaventura	Associate Laboratory LSRE-LCM/FEUP/U.Porto	PT
Rui Calejo Rodrigues	CONSTRUCT - FEUP	PT
Sérgio Ramos	GECAD/ISEP/P.Porto	PT
Seung-Hoon Yoo	Graduate School of Energy & Environment, Seoul National University of Science & Technology	KR
Shailendra Kumar Shukla	Centre for Energy and Resources Development, Mechanical Engineering Department, Indian Institute of Technology (B.H.U.), U.P.	IN
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Tahir Hikmet Karakoc	Anadolu University/Faculty of Aeronautics and Astronautics	TR
Xiaowei Zhai	Xi'an University of Science and Technology	CN
Zita Vale	GECAD/ISEP/P.PORTO	PT

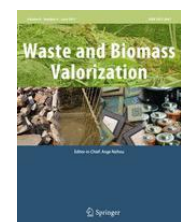
6 - Past event

In **ICEER2017 @ Porto**, the organization introduced important changes to improve the quality and attractiveness of this conference series. We can now say that, thanks to all, participants and organization, **ICEER2017 @ ISEP** was a very successful event:

- **Oral Flash Presentation** – to increase the participation of promising works, a new model of “poster + oral flash presentation (3 min)” for those potentially innovative works was introduced. This has driven younger participants towards further collaboration and active participation;
- **Conference Proceedings** – for the second time, accepted and presented papers have been published in Energy Procedia, an Elsevier indexed publication. Each paper has its own DOI;
- **Associated Journals** – It is important to publicly present research and professional results within the topics related to Energy and Environment. However, it is also important to disseminate results from our work. Thus, we made available, for publication of extended versions of the papers presented in **ICEER2017 @ ISEP** the following additional journals:



- **Energies** – Open Access journal, **IF = 2.262**, Guest Editors: 20% discount publication fee for ICEER2017 participants. Guest Editors: Nídia Caetano, Carlos Felgueiras, Zita Vale and Moustafa Eissa. **13 papers published**
- **ChemEngineering** – Open Access journal, **free publication** for well-prepared manuscripts. Guest Editors: Nídia Caetano & Rosa M. Quinta-Ferreira. **3 papers published+1 accepted**
- **Waste and Biomass Valorization** – **IF = 1.337**, **free publication** for well-prepared manuscripts. Papers submitted under review process.



7 - Supporters



See you in Prague!

Carlos Felgueiras
(Conference Chair)

Nídia Caetano
(Program Chair)