

2020 the 5th International Conference on Energy Engineering and Smart Materials ICEESM 2020 (Europe)

April 15 – 17, 2020 | Barcelona, Spain
www.iceesm.com

ICEESM 2020 (Europe) will be held at Universitat Politècnica de Catalunya · BarcelonaTech (UPC), Barcelona, Spain during April 15-17, 2020. The aim as well as objective of ICEESM 2020 (Europe) is to present the latest research and results of scientists related to Energy Engineering and Smart Materials topics. This conference provides opportunities for the delegates to exchange new ideas face-to-face, to establish business or research relations as well as to find global partners for future collaborations.

We hope that the conference results will lead to significant contributions to the knowledge in these up-to-date scientific fields.

PROCEEDINGS

Papers will be published in the ICEESM 2020 Conference Proceedings, which will be indexed in Scopus (Elsevier) and Inspec.

- ICEESM2019 - Materials Science Forum(MSF)
- ICEESM2018 - American Institute of Physics(AIP) Vol. 2004 ISBN: 978-0-7354-1720-5.
- ICEESM2017 - American Institute of Physics) AIP Vol. 1884 ISBN: 978-0-7354-1564-5.
- ICEESM2016 - Materials Science Forum(MSF) Vol. 883 ISBN: 978-3-03835-758-2.

IMPORTANT DATES

Submission Due: Nov. 30th, 2019
Notification Date: Dec. 20th, 2019
Registration Deadline: Jan. 05th, 2020

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CONFERENCE VENUE

Barcelona East School of Engineering - EEBE

Address: Campus Diagonal Besòs, Edificio A (EEBE, Av. d'Eduard Maristany, 16, 08019 Barcelona, Spain

CALL FOR PAPERS

Energy Engineering

- Simulation and optimization of energy conversion systems
- Environmental impact and sustainability of energy systems
- Carbon capture and storage
- Renewable resources modelling and optimization
- Urban energy systems
- Energy storage systems
- Modelling and optimization of heat pumps, refrigeration and air conditioning systems
- The hydrogen economy (production, distribution and storage)
- Advanced application
- Energy management

Smart Materials

- Shape-memory alloys and shape-memory polymers
- Photovoltaic materials
- Electroactive polymers
- Magnetostrictive materials
- Magnetic shape memory alloys
- Smart inorganic polymers
- pH-sensitive polymers

Energy Materials

- Hydrogen energy
- Hydrogen production
- Fuel cells
- Biofuels
- Solar energy
- Alternative energy
- Photocatalysis

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