

April 5-7, 2019

University of Coimbra, Portugal

Address: Department of Mathematics, University of Coimbra, Largo D. Dinis;

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https://www.google.com/maps/d/viewer?mid=1yMCS68g_0TTiGkbHF6kdIqHqXmA&hl=en&ll=40.207800999999975%2C-8.4228869999999946&z=17

2019 4th International Conference on Advances on Clean Energy Research ICACER 2019

2019 3rd International Conference on Energy Economics and Energy Policy ICEEEP 2019

Hosted by



UNIVERSIDADE DE COIMBRA

Welcome Message

Dear Participants,

Welcome to 2019 4th International Conference on Advances on Clean Energy Research with 2019 3rd International Conference on Energy Economics and Energy Policy! The objectives of ICACER 2019 and ICEEEP 2019 are to provide a forum to bring together researchers, scientists, engineers, academics and graduate students in the fields of advances on clean energy research, energy economics and energy policy to share up-to-date research results. We are confident that during this time you will get the theoretical grounding, practical knowledge, and personal contacts that will help you build a long-term, profitable and sustainable communication among researchers and practitioners in the related scientific areas.

We wish to express our thanks to conference co-chairs Prof. Harald Richter and Prof. Carlos Henggeler Antunes, plenary speakers Prof. Paulo Pereirinha and Prof. Luis Neves and other distinguished scholars for sharing their insights on future challenges and trends in the fields of clean energy research, energy economics and energy policy. We also appreciate the support from program chairs, Prof. Eugen Rusu and Prof. Michele Tartaglia.

We would like to thank the committee members for their work in making sure a smooth running of this conference. Many thanks to the reviewers for their excellent job to maintain the academic quality and scholarship. Special thanks is due to University of Coimbra, who hosts the conferences. We hope you could enjoy the conference and have an unforgettable experience in Coimbra, Portugal!

Conference Organizing Committees

Instructions

Registration Guide:

Arrive at the Conference Venue→**Show your passport or ID**→Inform the conference staff of **your paper ID**→Sign your name on the Participants List→Check your conference materials.

Checklist:

1 receipt, 1 name card, 1 printed conference abstract, 1 lunch coupon, 1 dinner coupon, 1 conference bag, 1 USB stick (paper collection).

Devices Provided by the Conference Organizer:

Laptop (with MS-Office & Adobe Reader)

Projectors & Screen

Materials Provided by the Presenters:

PowerPoint or PDF files

Duration of each Presentation:

Regular Oral Session: 15 Minutes of Presentation including 3-4 Minutes of Q&A

Notice:

*Certificate of Listener can be collected in the registration counter.

*Certificate of Presentation can be collected from the session chair after each session.

*The organizer will not provide accommodation, so we suggest you make an early reservation.

*One best presentation will be selected from each session. The best one will be announced when each session ends and will be awarded by the session chair after each session in the meeting room.

Contact:

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Program

Friday, Apr. 5, 2019

13:30-16:00 **Participants check-in & Materials Collection**
—Department of Mathematics (2F)

Friday, Apr. 5, 2019

Venue: Department of Mathematics (2F)

14:00-14:15 **Opening Session**
Prof. Carlos Henggeler Antunes, University of Coimbra, Portugal
Prof. Harald Richter, Clausthal University of Technology, Germany

14:15-15:00 **Plenary Speaker 1**
Prof. Paulo Pereirinha, Polytechnic Institute of Coimbra, Portugal
Speech Title: Electric Vehicles on The Way to A Cleaner Energy Future

15:00-16:40 **Session 1**
Energy in Buildings

- ER001- The Impact of Variable Thermal Conductivity of Insulation Materials on the Building Energy Performance in Hot Climate
- ER007-A- Road to Zero Energy Buildings. Simulation of Active And Passive Strategies
- ER009 - Efficiency of space heating systems under the climate change
- ER019 - Solar driven refrigerator for off-grid regions
- ER0007 - Multi-criterial analysis by determining the supportability factor in the western of the Black Sea

16:40-17:00 **Coffee Break**

17:00-18:40 **Session 2**
Energy Policies 1

- ER0019 - New Orientation of Oil and Gas Contracts and Fiscal Terms in Indonesia
- ER0026-A - It's just a gas? Possible modes of organization to govern safety in future gas distribution networks
- ER0013 - An Investigation on the Effectiveness and Determinants of the Wind

- Power Development Under Feed-in-Tariff Policy at China's Regional-Grid-Level
- ER0005 - The Development of Electric Vehicle and Its Impact on Energy, Environment and other Socioeconomic Aspects
 - ER012 - Wave energy conversion analysis based on dynamic systems theory

Saturday, Apr. 6, 2019

Venue: Department of Mathematics (2F)

Session 3

9:00-11:00

Renewables

- ER021 - Evaluation of the wind power potential in the European nearshore of the Mediterranean Sea
- ER023 - Offshore wind energy and the Romanian energy future
- ER024 - A projection of the wind energy in the Black Sea along the 21st century
- ER025 - Wave power variation near the Romanian coastal waters
- ER031 - LNG to power in the Romanian port of Constanta
- ER033 - Increase of energy potential of Russian forest resources due to climate change and CO₂ fertilization

11:00-11:15

Coffee Break

Session 4

11:15-13:15

Energy Technologies

- ER006 - Effect of temperature on interesterification of rapeseed oil with methyl acetate in presence of BuOK/BuOH
- ER010 - Low-enthalpy geothermal energy potential of mine water from closed underground coal mines in northern Spain
- ER1002 - Synthesis of promising cathode material for lithium polymer batteries
- ER020 - Preliminary design of the two-phase ejector under constant area mixing assumption for 5 kW experimental system
- ER034 - Numerical investigation of performance of a vertical axis wind turbine farm
- ER032 - Kinetic analysis of Wood residues and Gorse (*Ulex europaeus*) pyrolysis under non-isothermal conditions: A case of study in Bogotá, Colombia

13:15-14:45

Lunch

Plenary Speaker 2

Prof. Luis Neves, Polytechnic Institute of Leiria, Portugal

14:45-15:30

Speech Title: How Important will Energy Storage and Demand Management Be on a Future All-Renewables Power System?

Session 5

15:30-17:30 Energy Policies 2

ER0011-A - The Labor and Economic Impact of China's PM2.5 Pollution Based on Hybrid Computable General Equilibrium Model

ER0014 - Diversity or concentration of sources in the management of the energy trilemma? The case of India

ER0020-A - Portfolio strategies for renewable energy share maximization

ER0024 - Bringing business and societal impact together in an evolving energy sector

ER0027-A - Energy Systemic Risk

ER0028 - Regional Demand Forecasting of Refined Oil under Alternative Energy Market's Competition

20:00-22:30 Dinner at Coimbra Restaurant

Sunday, Apr. 7, 2019

10:00-13:00 One-day tour

University of Coimbra and Coimbra Tour

Venue Map



More info can be found at:

https://www.google.com/maps/d/viewer?mid=1yMCS68g_0TTiGkbHF6kdIqHqXmA&hl=en&ll=40.207800999999975%2C-8.4228869999999946&z=17