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2022 5th International Joint Conference on Clean Energy and Smart Grid
Qingdao, China
Sept. 23-25, 2022



Welcome to CCESG 2022

2022 5th International Joint Conference on Clean Energy and Smart Grid (CCESG 2022) will be held in Qingdao, China during Sept. 23-25, 2022.

The non-programmability characteristics of generation systems based on renewable energy sources, such as solar and wind power, together with the expected reduction in installed thermoelectric capacity, may cause problems in managing the electrical systems with a possible increase in grid congestion, being such generation systems located far from consumption centers. The lower use of thermoelectric capacity to the advantage of distributed generation will reduce the adequacy of the electrical systems and, in addition to providing for grid investments and long-term price signals for producers, it will be indispensable to implement the widespread of digital technologies in smart grids. In this new model, the provision of ancillary services to the Transmission System Operator (TSO) or Distribution System Operator (DSO) should take into account the possible flexibility furnished by new distributed resources including demand

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response, dispersed and small generators, also based on Renewable Energy Sources (RESs) and frequently endowed with small batteries. Moreover, new frameworks should be designed to manage the interaction between aggregators and system operators.

CCESG 2022 welcomes researchers, engineers, scientists and industry professionals to an open forum where advances in the field of Clean Energy and Smart Grid can be shared and examined. The conference is an ideal platform for keeping up with advances and changes to a consistently morphing field. Leading researchers and industry experts from around the globe will be presenting the latest studies through papers and oral presentations. CCESG is organized by The International Academy of Science and Engineering for Development ([IASED](http://www.iased.org)) and technical supported by Chiang Mai University and so on.

We are thankful to all the organizing committee members for their contribution to CCESG 2022. Our thanks also go to the authors for their contributions to making CCESG 2022 successful.

Pierluigi Siano

Conference Chair

University of Salerno, Italy

The 4th CCESG has been successfully held virtually on Sept. 3-5, 2021.

The 3rd CCESG has been successfully held virtually on Sept. 13-15, 2020.

The 2nd CCESG has been successfully held in Phuket, Thailand on Jan. 18-20, 2019.

The 1st CCESG has been held successfully at Asian Institute of Technology, Bangkok, Thailand on Feb. 24-26, 2018.

Agenda

Sept. 23, 2022

Technical Test

Sept. 24, 2022

Keynote Session+Parallel Sessions

Sept. 25, 2022

Parallel Sessions

Publication

Organizer



The International Academy of Science and Engineering for Development (IASED) is one of the world's influential scientific research union, which provides a forum for members to exchange and develop new ideas, insights, information, methodologies and experiences.

Key Dates

Abstract Submission: March 20, 2022

Full Paper Submission: April 15, 2022

Notification: May 10, 2022

Camera Ready: June 15, 2022

Registration: June 15, 2022

Main Conference: Sept. 23-25, 2022

All accepted and presented papers will be published in digital conference proceeding, which will send to be reviewed and indexed by major citation databases such as Ei Compindex, Scopus, CPCI, Google Scholar etc.

Selected papers will be considered for special issues in Journal after significant extension.

Media Partner



Special Issue "Clean Energy – Today' Processes and Systems for Tomorrow" is open([click](#))

Submission

Please submit your paper via [ONLINE SUBMISSION SYSTEM](#) or ccesg@iased.org. All submitted papers need to be original, must not be previously published or accepted for publication elsewhere. must not be under review by any other conference or publication during the review cycle. Please find the paper format here(submitted papers need to follow the required fonts strictly): [Paper Template](#) and [Abstract Template](#)

Committee

Committee members



Prof.Eugen Rusu



Prof.Zhixin Wang



Prof.Liliana Celia RUSU



Dr.Jaroslaw KRZYWANSKI



Prof. Junjian Qi



Prof. Farhad Shahnia



Dr. P. Sanjeevikumar



Dr. Chew Kuew Wai



Prof. Hartmut Hinz



Dr. Adem Akpınar



Dr. Fateh FERROUDJI



Prof. Marco Casini



Dr. Hasan AYDOGAN



Dr. Hedayat Omidvar

Statements

On the principal of participants' safety first, the organizer reserves the right to change the conference date and venue against force majeure. The participants are obliged to comply and cooperate with the organizer's decision.

Contact

Conference Secretary: Rita J. Ma

Email: ccesg@iased.org

Tel: +852-30696823 (English)

Monday-Friday, 9:00am-12:00pm and 1:30pm-6:00pm

Previous Speakers



Prof. Renata Reisfeld
Department of Inorganic Chemistry,
Hebrew University of Jerusalem, ISRAEL



Prof. André P.C. Faaij
Director of Science ECN part of TNO Distinguished Prof. Energy System Analysis,
University of Groningen, The Netherlands



Prof. Marco Liserre
Chair of Power Electronics,
Kiel University, Germany



Prof. Halim Bin Abu Bakar
University of Malaya, Malaysia



Prof. Dr. Jesús Toribio
University of Salamanca, Spain



Prof. Hee-Je Kim
Pusan National University, South Korea

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Committee

Conference Chair



Pierluigi Siano—University of Salerno, Italy

Advisory Committee

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Liliana Celia RUSU—Centre for Marine Technology and Engineering
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Marco Casini—SAPIENZA University of Rome, Italy

Program Chair



Xiaolin Wang—University of Tasmania, Australia

Program Committee

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Eugen Rusu—University of Lisbon, Portugal



Hartmut Hinz—Frankfurt University of Applied Sciences, Germany

International Scientific Committee

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