

Registration :

Participants are welcomed to register, please visit:

<http://icceee.ejust.edu.eg/registration>

Publication

Most of the accepted papers in the previous ICCEEE-2019 were published in journal of Materials Science Forum, Vol. 1010,

(<https://www.scientific.net/MSF.1010>).

Accepted papers in the new edition 2021, after proper registration and presentation, will be published in the conference proceedings, which will be submitted for Scopus Journal, Ei Compendex, etc.

Conference Chairman

Prof. Ahmed El-Gohary, President of Egypt Japan University for Science and Technology (E-JUST).

Conference Rapporteur

Prof. Mona Gamal Eldin, Dean of school of Energy Resources, Environmental, Chemical and Petrochemical Engineering. (E-JUST)

Conference General Secretary

- Prof. Masaki Suzuki, (First vice president for Regional and International Affairs (E-JUST)
- Prof. Sameh Nada, Vice president for Educational and Academic Affairs (E-JUST)

Head of organization committee

Prof. Ahmed Elshazly, Chairperson of Chemical and Petrochemical Engineering Chemical Engineering Department (E-JUST)

Organizing Committee:

- Prof. Mahmoud Amin, Professor and Chairperson of Energy Resources Department (E-JUST, Egypt)
- Prof. Ibrahim El-Sharkawy, Professor, Energy Resources Department (E-JUST, Egypt)
- Prof. Marwa Elkady, professor, Chemical and Petrochemicals Engineering Department (E-JUST, Egypt)
- Prof. Hamdy Abou Ali, Associate professor, Energy Resources Department (E-JUST, Egypt)
- Dr. Hassan Shokry, Associate professor, Environmental Engineering Department (E-JUST, Egypt)
- Dr. Hatem Mahmoud, Associate professor, Environmental Engineering Department (E-JUST, Egypt)

- Dr. Mahmoud Nasr, Associate professor, Environmental Engineering Department (E-JUST, Egypt)
- Dr. Ahmed Elwardany, Associate professor / Energy Resources Department (E-JUST, Egypt).
- Dr. Hussien Noby, Assistant professor, Chemical and Petrochemical Engineering Department (E-JUST, Egypt)

Scientific Committee:

- Prof. Mona Gamal Eldin, Dean of EECE school (E-JUST, Egypt)
- Prof. Ahmed Elshazly, Professor and Chairperson of Chemical and Petrochemical Engineering Department (E-JUST, Egypt)
- Prof. Mahmoud Amin, Professor and Chairperson of Energy Resources Department (E-JUST, Egypt)
- Prof. Ibrahim El-Sharkawy, Professor, Energy Resources Department (E-JUST, Egypt)
- Prof. Marwa Elkady, Professor, Chemical and Petrochemical Engineering Department (E-JUST, Egypt)
- Prof. Hamdy Abou Ali, Professor, Energy Resources Department (E-JUST, Egypt)
- Dr. Hassan Shokry, Associate professor, Environmental Engineering Department (E-JUST, Egypt)
- Dr. Ahmed Elwardany, Associate professor, Energy Resources Department (E-JUST, Egypt).
- Prof. Jun-ichiro Hayashi, Professor & Director, Department of Advanced Device Materials, Institute for Materials Chemistry and Engineering, Kyushu University
- Prof. Takahiko Miyazaki Professor, Department of Advanced Environmental Science and Engineering, Faculty of Engineering Sciences, Kyushu University
- Prof. Hiroaki Watanabe, Professor, Department of Advanced Environmental Science and Engineering, Faculty of Engineering Sciences, Kyushu University
- Assoc. Prof. Shinji Kudo, Associate Professor, Department of Advanced Device Materials, Institute for Materials Chemistry and Engineering, Kyushu University
- Dr. Abdelrahman Zkria, Assistant Professor, Center for Japan-Egypt Cooperation in Science and Technology (E-JUST Center)
- Prof. Tsuyoshi Yoshitake, Professor, Department of Advanced Energy Science and Engineering, Faculty of Engineering Sciences, Kyushu University
- Prof. Shinichi Ookawara, Professor, Chemical Engineering Department (Tokyo Institute of Technology, Japan).
- Dr. Manabu Fujii, Doctor, Department of Civil Engineering, Tokyo Institute of Technology, Japan.



الجامعة المصرية اليابانية للعلوم والتكنولوجيا

エジプト日本科学技術大学

EGYPT-JAPAN UNIVERSITY OF SCIENCE AND TECHNOLOGY

School of Energy Resources, Environmental, and Chemical and Petrochemical Engineering (EECE)



ICCEEE 2021

3rd International Conference of
Chemical, Energy and Environmental Engineering

19-21 July, 2021

Egypt - Japan University for Science and Technology Campus,
New Borg El Arab City

The ICCEEE 2021: Overview

The 3rd International Conference of Chemical, Energy and Environmental Engineering - ICCEEE 2021: Since the great success of the previous editions ICCEEE 2017, 2019, which were held in cooperation between Egypt-Japan university of Science and technology (Egyt), Kyoto University and Tokyo Institute of Technology (TiTech) and under auspices of Egyptian ministries of “Environment”, “Higher Education and Scientific Research”, “Electricity and Renewable Energy”, and “Trade and Industry”.

This year the conference 3rd edition welcomes the participation of Kyushu University beside the TiTech as supporting universities from Japan and will continue to bring together leading academic scientists, research scholars and researchers to share and exchange their research results and experiences in all aspects of Chemical, Energy and Environmental Engineering.

It also provides a premier interdisciplinary platform for researchers, educators and practitioners to present and discuss their recent innovations as well as practical challenges encountered and solutions adopted in the fields of Chemical, Energy and Environmental Engineering.

Conference Date

July 19th to 21st, 2021

Conference Venue

Online



Call for Contributions

All interested authors are kindly encouraged to contribute to conference through submissions of their research abstracts, papers, and presentations. Also, high quality research contributions describing original unpublished results of conceptual, constructive, empirical, experimental, or theoretical work in all areas of Chemical, Energy, and Environmental Engineering are invited to be presented at the conference.

Please visit <http://iccee.ejust.edu.eg/abstract/> and submit your abstract.

Abstract submission deadline

- Abstract submission deadline: **May 30th, 2021**
- Full paper submission deadline: **June 20th, 2021**
- Author Notification of full paper acceptance: **June 25th, 2021**
- Final Conference agenda and program: **July 1st, 2021**

Conference Fees

Full registration available online, conference fees as follow:

Registration	Egyptian	Foreign Guest	Egyptian Student	Foreign Student
Earlybird (before June, 2021)	250 EGP	50 \$	200 EGP	50 \$
After June, 2021	300 EGP	75 \$	250 EGP	75 \$

* Special rate for four registrars or more (20% reduction)

You can pay your registration fees either via bank transfer or onsite

Main Topics

Chemical and Petrochemical Engineering:

- Green and sustainable industry
- Chemical engineering equipment and process design
- Petroleum petrochemicals, fertilizers, gas processing industries
- Desalination (membranes and solar application)
- Preparation of Nano-materials and its applications
- Corrosion and electrochemistry
- Catalysis and its applications (photocatalysis, electrocatalysis,

enzyme- catalysis , etc..)- Design of Micro-reactor and its application (preparation of fine chemicals, food stuffs and pharmaceutical drugs, etc....)

- Development of new polymeric materials (composites, insulators, fibrous materials and conducting polymers, etc.)
- Biodiesel production from agricultural and oil wastes.

Energy resources Engineering

- Nanotechnology applications in renewable energy
- Photovoltaic systems
- Fuel cells, and solar hydrogen production
- Solar thermal applications, and energy storage technology
- Combustion, air pollution, Bio-Diesel fuels and additives
- Thermal comfort, energy policy, planning and management.
- Sorption heat pump systems.
- Hybrid Concentrator Photovoltaic/Thermoelectric power generator (CPV/TEG/T)
- Design and performance evaluation
- Wind turbine aerodynamics
- Fuel Cell Technology (PEMFCs, DMFCs, and SOFCs)
- Computational Fluid Dynamics and Heat Transfer
- Micro-and Nano scale flows- Flow in porous media
- Complex fluids-Modeling and simulation
- Spray systems - Design and characterization
- Multi-phase flows- Modeling, and simulation
- Blood flow- Modeling and simulation

Environmental Engineering :

- Sustainability, environmental assessment and management
- Climate change
- Air pollution assessment and control
- Waste water treatment technologies
- Water quality and treatment
- Solid and hazardous waste management
- Integrated coastal zone management
- Sustainability of river basins and water supply systems
- Hydroinformatic
- Water resources management
- Energy Efficiency in Buildings
- Environmental Urban Design and Planning
- Implementations of Nanotechnology for Pollution Control and Detection.
- Sensors and Detectors Technology.