



السيد الاستاذ الدكتور / محمد عبد العظيم محمد عبد العظيم

عميد كلية الهندسة - جامعة المنصورة

تحية طيبة وبعد ،،،

أتشرف وأسرة الكلية بدعوة سيادتكم لتشريف حضور "المؤتمر الدولي الرابع لهندسة الكيمياء و الطاقة والبيئة"، في الفترة من 17- 18 يوليو 2023 والذي سوف يعقد داخل مقر الجامعة وأيضا عبر الانترنت (Online).

"The Fourth International Conference of Chemical, Energy and Environmental Engineering- ICCEEE 2023"

يقوم بتنظيم المؤتمر كلية هندسة مصادر الطاقة والبيئة والكيمياء والبتروكيماويات (EECE) بالجامعة المصرية اليابانية للعلوم والتكنولوجيا (E-JUST) بالاشتراك مع جامعة كيوشو (Kyushu University) ومعهد طوكيو للتكنولوجيا (Tokyo Institute of Technology). يضم المؤتمر نخبة من الاساتذة والباحثين من الجانبين المصري والياباني ودول مختلفة في مجالات الطاقة والبيئة والكيمياء والبتروكيماويات.

لذا نرجو من سيادتكم التفضل بتعميم الدعوة على السادة الزملاء بكليتكم الموقرة. مرفق لسيادتكم الاعلان الاول للمؤتمر وسوف يتم موافاتكم بتفاصيل برنامج المؤتمر لاحقا. وتفضلوا سيادتكم بقبول فائق الإحترام ،،،

أ.د/ منى جمال الدين ابراهيم

منى جمال الدين ابراهيم  
٢٠٢٣/٠٤/٠٤

عميد الكلية  
ومقرر المؤتمر

أ.د. استرني منصور  
لعلنا على صوفه الكلب  
٢٠٢٣/٠٤/٠٤

## The ICCEEE 2023: Overview

### The 4<sup>th</sup> International Conference of Chemical, Energy and Environmental Engineering - ICCEEE 2023:

Since the great success of the previous editions ICCEEE 2017, 2019, 2021 which were held in cooperation between Egypt-Japan university of Science and technology (Egypt), 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 4th 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.

<https://icceee.ejust.edu.eg/>

### Conference Date

July 17<sup>th</sup> to 18<sup>th</sup>, 2023

### Conference Venue

The conference will be hybrid (Physically at E-JUST premises and 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 <https://icceee.ejust.edu.eg/call-for-abstract/> and submit your abstract.

### Abstract submission deadline

- Abstract submission deadline: **June 1<sup>st</sup>, 2023**
- Full paper submission deadline: **July 1<sup>st</sup>, 2023**
- Final Conference agenda and program: **July 10<sup>th</sup>, 2023.**

## Conference Fees

Full registration available online, conference fees as follow:

Registration	Egyptian	Foreign Guest	Egyptian Student	Foreign Student
Earlybird (before June 1 <sup>st</sup> , 2023)	1800 EGP	300 \$	1200 EGP	150 \$
Online participation	900 EGP	100 \$	900 EGP	100 \$
After June, 2023	2500 EGP	400 \$	1500 EGP	200 \$
Online participation	1250 EGP	150 \$	1250 EGP	150 \$

Registration includes only the conference materials and break.

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

You can pay your registration fees either via bank transfer or on campus, check the website for details:

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## Main Topics

### Chemical and Petrochemical Engineering:

- Separation process improvement and development
- Reaction kinetics and catalysis
- 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.



## The ICCEEE 2023: Overview

### The 4<sup>th</sup> International Conference of Chemical, Energy and Environmental Engineering - ICCEEE 2023:

Since the great success of the previous editions ICCEEE 2017, 2019, 2021 which were held in cooperation between Egypt-Japan university of Science and technology (Egypt), 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".

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