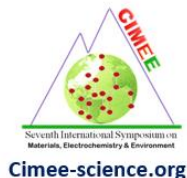


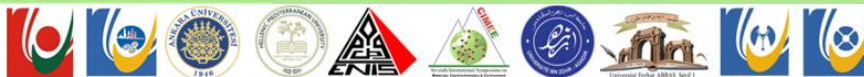
# 7<sup>th</sup> INTERNATIONAL SYMPOSIUM ON « Materials, Electrochemistry & Environment » September 25 – 27, 2025 | Tripoli, Lebanon



## CALL FOR PAPERS - SPECIAL SESSIONS



## CIMEE | International Symposium on Materials, Electrochemistry and Environment 2025 September 25-27, 2025



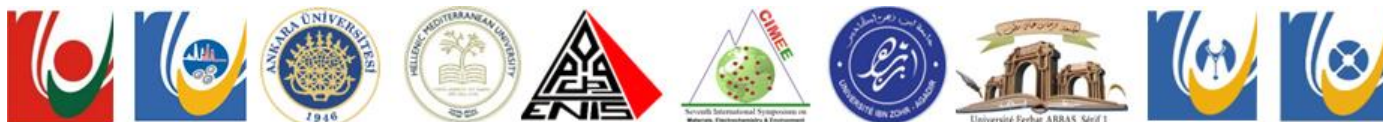
**Theme : Advancing sustainability through Materials, electrochemistry & green energy**

## CIMEE'25 Call for Papers

The Largest Gathering of Materials, Electrochemistry & Environment Experts

### Jointly Organised by

- Department of analytical Chemistry, Faculty of Pharmacy, Ankara University, Turkey .
- Center of Materials Technology and Photonics, Hellenic Mediterranean University, Heraklion, Crete, Greece
- Laboratory of Applied Chemistry & Environment, ENSA, University of Ibn Zohr, Morocco
- Laboratory of Environmental Engineering & Ecotechnology, ENIS, University of Sfax, Tunisia.
- Laboratory of Electrochemistry, LEIMCR, Faculty of Technology, University of Ferhat Abbas Sétif-1, Algeria



CIMEE25 welcome chemical professionals, researchers, professors, scientific communities, delegates, students, business professionals and executives from all over the world to attend the "7<sup>th</sup> International Symposium, CIMEE" 25

CIMEE providing an international forum for scholars to disseminate their research findings and development in the field of Environmental analytical chemistry, environmental Materials, Electrochemical Environment. Considered as a vehicle for research works, the CIMEE publishes the best presented papers in partner journals.

Authors from academia as well as industry working within the scope of the Symposium subjects are invited to submit their papers. Submissions will be peer reviewed by our International Program Committee on the basis of full manuscripts. Acceptance will be based on quality, originality and relevance. Contributions should be original and not published elsewhere or submitted for publication during the review period.

### Conference Information

You are cordially invited by the CIMEE conference to participate in CIMEE2025, to be held in September 2025 at the Lebanese university in Tripoli, Lebanon. Over the past nine years, CIMEE group has established itself as a distinguished event on the international chemistry calendar, serving as a vital forum for scientific exchange and professional development.

CIMEE25 is conceived as a dynamic platform that unites researchers, academicians, industry leaders, professional societies, associations, and emerging scholars from Middle East, Europe and North Africa. By fostering meaningful dialogue and collaboration, the conference aims to strengthen the bonds within the chemical sciences community and to catalyze new partnerships across academia and industry.

The program is thoughtfully designed to bridge the gap between academic research and industrial application, offering a comprehensive agenda that encompasses cutting-edge scientific presentations, interactive discussions, and networking opportunities. We are confident that the diverse content will be both informative and engaging, and we hope it will inspire you to contribute to the ongoing advancement of this vital field.

We look forward to welcoming you soon for an enriching and memorable experience at CIMEE25.

### Symposium Aims & objectives

The Chemistry field assembles a broad range of scientific disciplines to discover, design of new process, methods and specific techniques. The Second International Symposium On Materials, Electrochemistry and Environment. CIMEE25 aims to bring together leading academic scientists, researchers and research scholars to exchange and share new knowledge and expose their research on all aspects of materials. electrochemistry for the environment. It also provides a leading interdisciplinary platform for researchers, practitioners and educators to present and discuss the latest innovations, trends and concerns as well as practical challenges encountered and solutions adopted in the fields of Materials chemistry / electrochemistry and Environment.

Symposium Chair: Pr. El Moll Ahmad,

## Topics

Conference theme: advancing sustainability through Materials, Electrochemistry & Green Energy. The Program Planning Committee has developed Conference Tracks to make it easier for attendees to find the sessions that are most relevant to them. Six conference regular tracks or thematic sections. CIMEE25 will run on the following topics:

### T 1. MATERIALS & THE ENVIRONMENT

- 1.1. Nanomaterials, Nanostructures & Environment.
- 1.2. Nanomaterial-based biosensors for pollutants detection
- 1.3. Nanotechnology & Nanobiotechnology for Environmental Remediation
- 1.4. Carbon Nanotubes-Based Nanomaterials & Their Applications
- 1.5. Materials technology for sustainable environment & greener energy

### T 2. ELECTROCHEMISTRY, BIOELECTROCHEMISTRY & ENVIRONMENT

- 2.1. Electrochemistry for the Environment
- 2.2. Electrochemical and environmental sensors, Biosensors technology
- 2.3. Organic electrochemistry & Bioelectrochemistry
- 2.4. Electrochemical nanosensors and their application.

### T 3. ATMOSPHERIC CHEMISTRY & ENVIRONMENTAL POLLUTION

### T 4. STRUCTURAL, ANALYTICAL & PHYSICAL CHEMISTRY

- 4.1. Environmental chemistry, Analytical chemistry
- 4.2. Air quality, Pesticides & environmental monitoring,
- 4.3. Bioremediation & Phytoremediation of environmental Pollutants.
- 4.4. Remediation Technologies Applied in the Environment

### T 5. AGRO GEOENVIRONMENT, AGROCHEMISTRY & BIOGEOCHEMISTRY

- 5.1. AgroGeoenvironment & Geomaterials
- 5.2. Biomaterials, Waste & biomass valorization
- 5.3. Atmospheric Chemistry, Geochemistry & Earth Materials
- 5.4. Agro-materials, & Environmental geochemistry.

### T 6. BIO-GREEN-ENERGY SCIENCE, WASTE TREATMENT & TECHNOLOGY

Abstracts can be submitted by email through the conference website for either an **August 2025 (Third round)**

## Call for Papers - Special Sessions

CIMEE 25 has teamed up with the Special Journal Issue on International Journals. A number of selected high-impact full text papers will also be considered for the special sessions All submitted papers will have the opportunity to be considered for this Special Journal Issue. The paper selection will be carried out during the peer review process as well as at the conference presentation stage. Submitted papers must not be under consideration by any other journal or publication. The final decision for paper selection will be made based on peer

### SPECIAL SESSIONS invitation

Call for Papers – Special session, CIMEE'25, [cimee-science.org](http://cimee-science.org)

SS1: Sustainable materials innovations & novel technologies for clean energy generation.

SS2: Quantum materials: The Potential for Advancing Environmental Sustainability

SS3: Advances in Nanotechnology for Carbon Capture & Environmental Sustainability

SS4: New Innovations in Nanotechnology for Environment, Agriculture, Food, and Energy sector

SS5: Agricultural chemistry: developing innovative solutions to Achieving Sustainability in the Agro-Environment

### Special Session “Sustainable materials innovations & novel technologies for clean energy generation.”

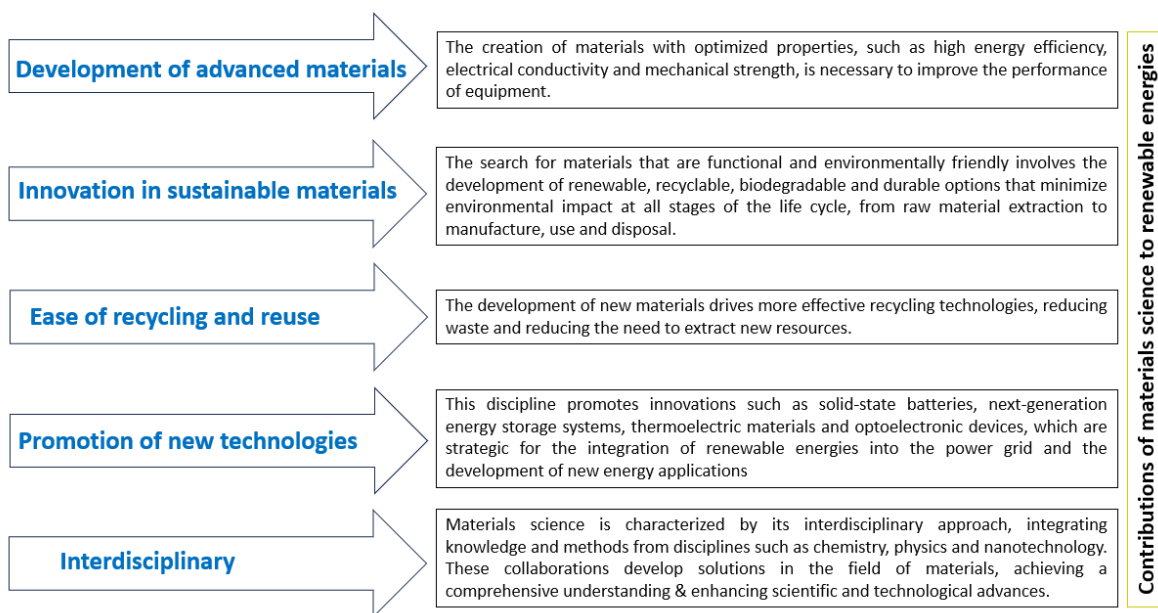
**Chairperson:** Prof. El Moll Ahmad, Faculty of Public health, Faculty of science, Lebanese university, Lebanon

We are happy to announce a Special Session entitled “Sustainable materials innovations & novel technologies for clean energy generation” at CIMEE25 conference.

Innovations and technological advancements designed to minimize negative environmental impact and promote eco-friendly practices. These technologies focus on energy efficiency, the use of sustainable materials, reducing carbon emissions, and minimizing waste. Furthermore, sustainable technologies have a direct impact on environmental preservation by reducing waste, the demand for natural resources, and polluting emissions. Renewable energies are perfect examples, significantly reducing dependence on fossil fuels. Moreover, the adoption of sustainable technologies in sectors such as agriculture could help mitigate climate change while reducing global CO2 emissions. By combining energy efficiency, innovation, and responsible practices, sustainable technologies contribute to protecting ecosystems, preserving biodiversity, and combating global challenges such as climate change and pollution.

The session will highlight several research subjects: Development of advanced materials, Innovation in sustainable materials, Ease of recycling and reuse, Promotion of new technologies, Interdisciplinary

Keywords: Sustainable materials, sustainable environment, sustainable agricultural technologies, renewable energy.



## Special Session “Quantum materials: Potential for advancing environmental sustainability”

**Chairperson:** Prof. El Moll Ahmad, Faculty of Public health, Faculty of science, Lebanese university, Lebanon

We are happy to announce a Special Session entitled “Quantum materials: Potential for advancing environmental sustainability” at CIMEE25 conference.

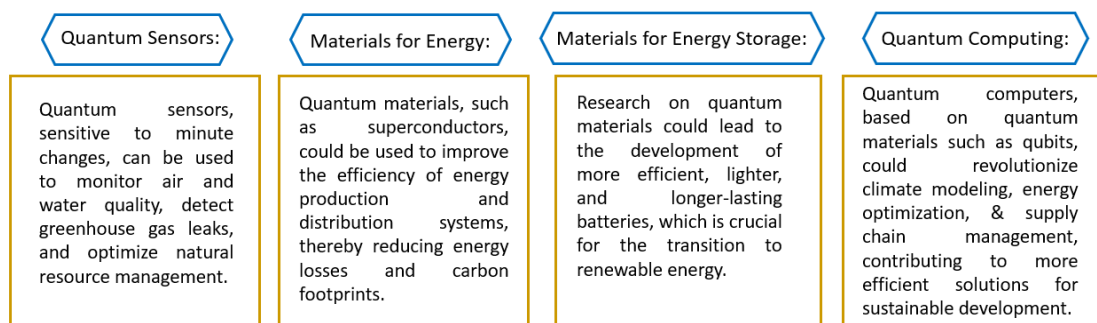
Quantum materials (QM) offer revolutionary opportunities in modern science and technology, particularly in the environmental field. Furthermore, these materials hold immense potential to transform many sectors, with positive implications for the environment and sustainable development. Their ability to harness the principles of quantum physics paves the way for innovations in fields such as sensors, computing, and communications. Indeed, Quantum materials hold significant potential for advancing environmental sustainability by enabling more efficient energy technologies, enhancing monitoring capabilities, and facilitating the development of eco-friendly materials. Their use in cutting-edge technologies could lead to more efficient and environmentally friendly solutions, particularly in the fields of energy, resource management, and information technology.

It holds immense potential to address the most pressing challenges facing society today. In the coming years, its applications are expected to drive transformative advances in environmental sensing, public health, and climate change mitigation. Finally, we can see that Quantum Materials offer in near future immense potential to address the most pressing challenges facing society today. Applications should foster major advances in environmental sensing and climate change mitigation.

This session provides an overview of these unique properties, the different types of QM, and their environmental applications. This session uses recent case studies to present a forward-looking perspective on QMs in many environmental fields.

**Keywords:** Quantum materials, environmental applications, energy optimisation, information technology, environmental sensing, climate change mitigation.

### Potential of Quantum Materials for the Environment:



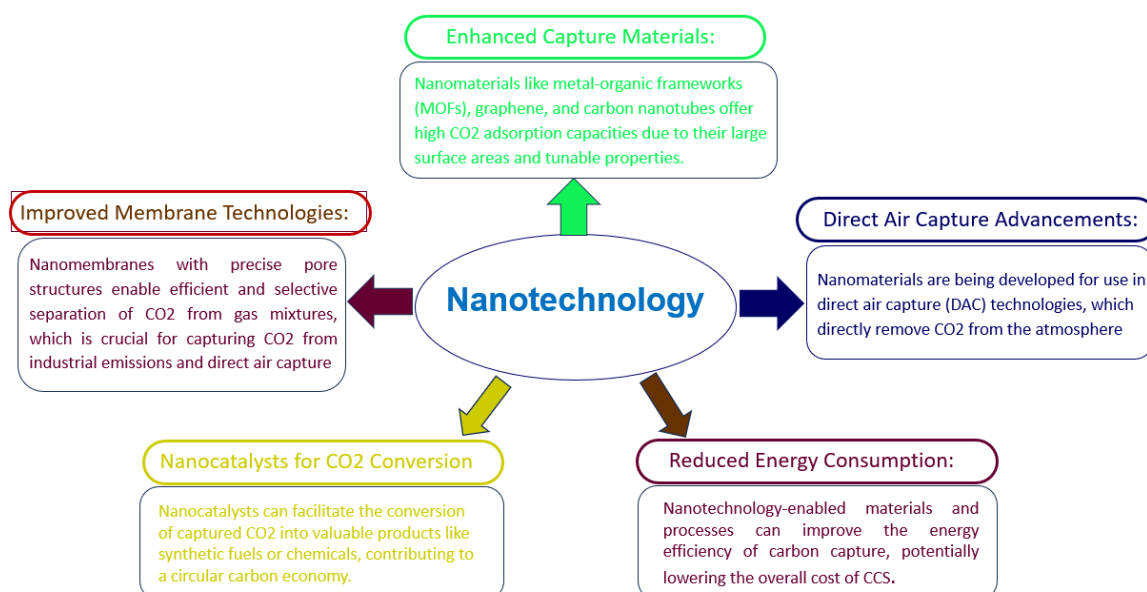
## Special Session “Advances in Nanotechnology for Carbon Capture & Environmental Sustainability”

**Chairperson:** Prof. El Moll Ahmad, Faculty of Public health, Faculty of science, Lebanese university, Lebanon

We are happy to announce a Special Session entitled “Advances in Nanotechnology for Carbon Capture & Environmental Sustainability” at CIMEE25 conference.

Environmental nanotechnology can solve a range of environmental problems and Nanotechnology offers promising tools for achieving sustainability goals, particularly in carbon capture and storage (CCS). Furthermore, carbon capture technology has been identified as a viable solution for addressing global energy depletion and mitigating the effects of fossil fuel consumption on climate change. Recent advances in carbon capture technique based on wet scrubbing have typically focused on increasing carbon capture efficiency. Nanotechnology is playing an increasingly important role in carbon capture and environmental sustainability by offering innovative solutions for capturing, utilizing, and storing CO<sub>2</sub>. Nanomaterials like metal-organic frameworks (MOFs), carbon nanotubes, and graphene derivatives demonstrate enhanced CO<sub>2</sub> adsorption and separation capabilities. Furthermore, nanotechnology is being explored for converting captured CO<sub>2</sub> into valuable products through various processes, including electrochemical conversion, thermochemical conversion, and biochemical conversion. And for improving energy efficiency in various industrial processes. The session will focus on recent advances associated with the explored for converting captured CO<sub>2</sub> processes as well as the role of Nanotechnology for Carbon Capture & Environmental Sustainability.

**Keywords:** Carbon capture and utilization, Electrochemistry, CO<sub>2</sub> capture, converting captured CO<sub>2</sub> processes



## Special Session “New Innovations in Nanotechnology for Environment, Agriculture, Food, and Energy sector”

**Chairperson:** Prof. El Moll Ahmad, Faculty of Public health, Faculty of science, Lebanese university, Lebanon

We are happy to announce a Special Session entitled “New Innovations in Nanotechnology for Environment, Agriculture, Food, and Energy sector” at CIMEE25 conference.

Nanotechnology is revolutionizing various sectors with innovations aimed at enhancing sustainability and efficiency. In agriculture, it's enabling precision farming through nano-sensors and targeted delivery systems, boosting yields while minimizing environmental impact. In the food industry, nanotechnology is improving food safety and extending shelf life with antimicrobial packaging and nanosensors for freshness monitoring. Furthermore, nanotechnology is playing a crucial role in energy, with advancements in solar energy harvesting and energy storage using nanomaterials.

The session will focus on the innovative approaches on the Smart Agrochemicals, Nanotechnology, Biochar: Smart farming technologies, Efficient Water Management: and Crop Rotation and Diversification: mitigating as well as, developing novel technologies in agro-chemistry and Agro-Environmental sustainability.

Keywords: nanotechnology, nano-sensors, nanotechnology is, food safety, energy storage, Smart Agrochemicals, biochar, Smart farming technologies.

| Environmental Applications:   | Agriculture Applications:   | Food Sector Applications:   | Energy Sector Applications:  |
|---|---|---|--|
| Water Treatment: Pollution Remediation  | Precision Farming: Nanofertilizers & Improved Crop Nanopesticides: Production:                              | Food Processing & Preservation: Food Packaging: Nutrient Delivery:  | Energy Storage: Solar Energy: Fuel Cells:  |
| Nanomaterials can be used to remove pollutants, heavy metals, and pathogens from water sources, offering solutions for clean drinking water and wastewater treatment. | Nanomaterials can be employed to detect and remove pollutants from the environment, including air and soil. | Nanosensors can monitor soil conditions, detect diseases, and optimize irrigation, leading to more efficient and sustainable farming practices. | Nanomaterials can be used to deliver nutrients more effectively to the body & improve the nutritional value of food. |
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## Special Session “Agricultural chemistry: developing innovative solutions to Achieving Sustainability in the Agro-Environment”

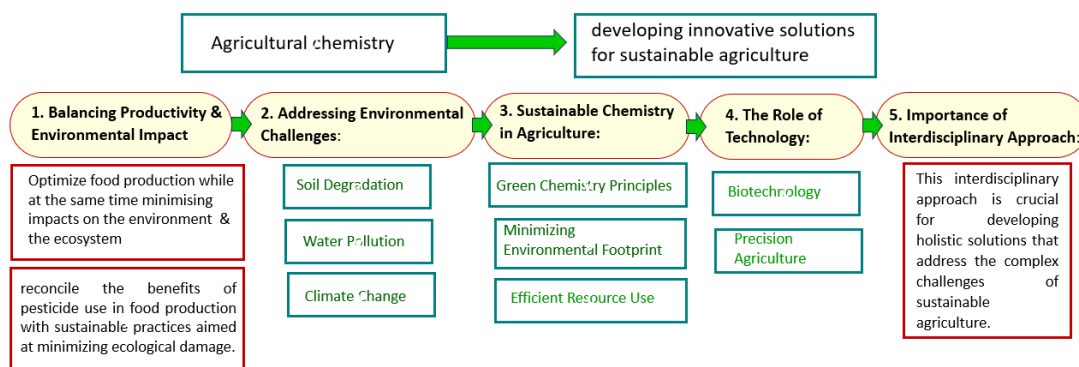
**Chairperson:** Prof. El Moll Ahmad, Faculty of Public health, Faculty of science, Lebanese university, Lebanon

We are happy to announce a Special Session entitled “Agricultural chemistry: developing innovative solutions to Achieving Sustainability in the Agro-Environment” at CIMEE25 conference.

Agrochemistry plays a crucial role in developing innovative solutions for a sustainable agricultural environment by optimizing resource use, reducing environmental impact, and improving crop productivity. This involves advances in areas such as controlled-release fertilizers, smart agrochemicals, and nanotechnology applications, thus contributing to a more sustainable and efficient agricultural system. By embracing innovative approaches such as controlled-release fertilizers, smart agrochemicals, nanotechnology, biochar, smart farming technologies, genetically modified organisms (GMOs), integrated pest management (IPM), efficient water management, and crop rotation and diversification, agricultural chemistry plays a vital role in creating a more sustainable agro-environment for the future.

The session will focus on the innovative approaches on the balancing productivity and environmental impact, addressing environmental challenges, sustainable chemistry in Agriculture, the role of technology (biotechnology, precision agriculture) and importance of Interdisciplinary Approach. Participation from PhD students, researchers, and scientific and agro-chemist experts is highly welcomed.

Keywords: biotechnology, precision agriculture, integrated pest management (IPM), efficient water management



## For Authors

### Call for Contributions

Prepare your final manuscript according to the instructions and template provided by the conference website. All honorable authors are kindly encouraged to contribute to and help shape the conference through submissions of their research abstracts, papers and e-posters. Also, high quality research contributions describing original and unpublished results of conceptual, constructive, empirical, experimental, or theoretical work in all areas of chemistry are cordially invited for presentation at the conference. The conference solicits contributions of abstracts, papers and e-posters that address themes and topics of the conference, including figures, tables and references of novel research materials.

### Submission Information

This section provides information about how to submit the various types of work for consideration. It should be read in conjunction with the Call for Papers and also the Submission Types above,

#### A - Submitting an Abstract

In the first instance we require everyone who wishes to submit their work to the conference to submit an abstract describing the proposed paper, work in progress, presentation etc. Abstracts should be 350 words. The abstract submission form will guide you through the process but we recommend you read the call for papers first to ensure you select the correct track and submission type.

#### B - Submitting a Paper

You should have received an email telling you that your abstract has been selected for submission as a paper. This email will confirm the date for returning your full paper. Earlier submission is encouraged as it helps us to manage the review process in a timely manner. Below is a summary of what you need to consider when submitting your full paper, PhD paper or Work-in-Progress, but please also download the guidelines in detail. Papers not conforming to the conference style will be returned.

The following **guidelines** apply to all submissions, including theme sessions and proposals by affiliate organizations.

Papers must not exceed 4000 words in length (2000 words for work in progress papers), including abstract, figures, references and appendices for a total of 6 pages. Files should not exceed 3MB in size.

References should follow the Harvard referencing style.

Before submitting your paper, please ensure that it has been carefully read for typographical and grammatical errors. If English is not your first language, have your paper proof-read by an English-speaking person. Papers will be returned if the standard of English is not considered to be good enough for publication. We do offer proof-reading services.

Papers can be produced in any PC or MAC version of Microsoft Word. It must not be sent in PDF format and should not be zipped. Papers should be submitted as a .doc or .rtf attachment by email to the conference manager. This is the person who sent you the email accepting your abstract. The email address is also given on the conference call for papers.

All papers received by the due date will have all identification of the authors removed and will be sent for double-blind peer review.

#### Abstract Submission Guidelines

Please read the submission rules before submitting your abstract. E-mail: [cimee16@ul.edu.lb](mailto:cimee16@ul.edu.lb)

- The presenting author is required to ensure that all co-authors are aware of the content of the abstract before submission
- The presenting author must be listed as the first author
- Submitted abstracts should include non-published data
- All abstracts should be submitted and presented in English. Cannot be edited an abstract after final submission.
- All abstract accepted for presentation will be published on the Conference website prior to the Conference.
- Presenters whose paper are accepted are expected to submit a full paper, in the format of a research report, to the partner journals of the CIMEE.
- Please note that all correspondence will be addressed to the submitting author. For ease and clarity, we therefore advise that the 'presenting' author is listed as the 'submitting author.'

The registration fees are due upon formal registration for the event.

#### Guidelines for Authors

Participants interested in presenting their abstract at the Meeting are invited to submit their high-quality research via the abstract submission system. All abstracts will undergo peer review and may be accepted for presentation. Please carefully read the guidelines before submission.

The Scientific Programme Committee will endeavour to schedule abstracts according to authors' preferences but reserves the right to decide on the final form of presentation.

Abstracts must be received by the announced deadline. Abstracts received after the deadline will not be considered.

All abstracts will be reviewed by the Scientific Programme Committee.

Presenting authors will be notified via e-mail regarding the status of their abstracts.

Please ensure your submission meets the conference's strict guidelines for accepting scholarly papers. Downloadable versions of the check list for Full-Text Papers and Abstract Papers. Please refer to the Paper Submission Guideline, Abstract Submission Guideline and Author Information before submitting your paper.

*Important note: All registered authors with accepted papers for oral and poster presentations should prepare a Power Point slides and submit it to the conference administrator ([cimee16@ul.edu.lb](mailto:cimee16@ul.edu.lb)) at least 15 days prior to the conference.*

#### Conference Proceedings

All submitted conference papers will be blind peer reviewed by three competent reviewers.

The conference proceedings/Book of abstract with an DOI will be published after the conference. The proceedings will be available on-line, open access, free of charge.

Abstract template can be downloaded via official website [cimee-science.org](http://cimee-science.org).

# Call for Papers

#### Benefits of Attending

- Establishing their academic and professional relationships
- Improving their morale and confidence of presenting research in an international platform
- Interacting with expertise in their respective departments
- Clearing your inhibitions of adjusting to the foreign environment
- Benefit by hearing from key speakers who will present detailed case studies.
- Gather important information on technical developments and equipment.
- Bring yourself up-to-date on current developments and future trends in Environmental chemistry.

#### Publications

After the peer reviewing process by at least 2-3 experts for the submission of CIMEE 2025, the accepted papers will be included into abstract

Contributors to CIMEE25.Symposium have the opportunity to make their research known internationally through the conference CIMEE25. The Sixth International Symposium on Materials, Electrochemistry and Environment has teamed up with some partner Journals. All submitted papers will have the opportunity to be considered for this Journals. The paper selection will be carried out during the peer review process as well as at the conference presentation stage. Submitted papers must not be under consideration by any other journal or publication. Full text template can be downloaded [here](#).

The final decision for paper selection will be made based on peer review reports by the CIMEE25 Advisory and review committee and the Editor-in-Chief jointly. Please find detailed information regarding abstract submission and registration on our website [cimee-science.org](http://cimee-science.org)

The organizing committee has teamed up with number of partner journals

Partner Journals

**Chemistry Africa, Springer,**

<https://www.springer.com/journal/42250>

**Algerian Journal of Biosciences, AJB**

<http://journal.univ-eloued.dz/index.php/ajb/index>

**Journal of Natural Sciences and Technologies NaSTec,**

<https://journalofnastech.com/index.php/pub>

**Algerian Journal of Environmental Science and Technology, ALJEST,**

<https://www.aljest.net/>

<https://cimee-science.org/index.php/2025/08/04/call-for-papers-cimee25/>