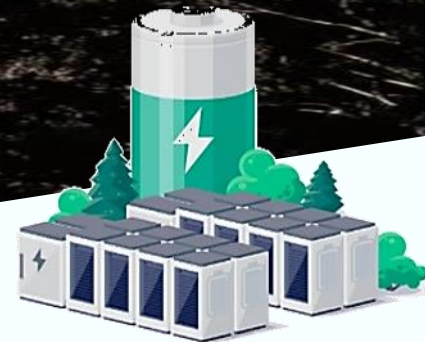


# The Research Center in Semiconductors Technology for Energetic (CRTSE)

Welcome to IC-MES 2023



## Call For Papers



Algiers, Algeria.

## 1<sup>st</sup> International Conference on Materials for Energy Storage IC-MES 2023

November 12-14, 2023

<https://sites.google.com/view/ic-mes2023/home>

Dear Colleagues,

We cordially invite you to submit your paper in 1<sup>st</sup> International Conference on Materials for Energy Storage (IC-MES 2023), the conference is scheduled to be held on November 12<sup>th</sup>-14<sup>th</sup>, 2023 in Algiers, Algeria. The international conference on Materials for energy storage (IC-MES) 2023 will be a meeting for exchange and knowledge sharing event between academic scientists, researchers and research scholars in the latest research and developments in the research areas, batteries and supercapacitors, hybrid and organic materials for solar cells and CO<sub>2</sub> conversion for energy storage technologies. It will also provide a platform for researchers and industrials to present and discuss the most recent innovations, trends and challenges and opportunities. It is expected that this conference will be an open way for new ideas in the field of high technology and for finding partners and innovative research subjects. The conference will have a fair balance of plenary sessions on cross-cutting issues and the state-of-the-art reviews plus in-depth parallel sessions on specific topics with invited, and poster presentations.

The official conference language is English.

### ❖ Topics

#### 1- Advances in Lithium-ion Batteries (LiBs) Applications:

- Components & materials for LiBs
- Electrochemical Characterizations of Materials
- LiBs Development and commercialization
- Density Functional Theory for LiBs Materials
- Other ( capacitors, Supercapacitors, ... )

#### 2- Advanced materials for energy application

- Hybrid and organic solar cells
- Dye sensitized solar cells
- Perovskite photovoltaics (or solar cells)

#### 3- Advances in aqueous electrochemical Energy Storage through CO<sub>2</sub> conversion

- Electrochemical transformation of CO<sub>2</sub> for chemical energy storage
- Advanced Electrodes for CO<sub>2</sub> fuel cells
- Trends in CO<sub>2</sub>-based Systems for Energy Storage

### ❖ Invited Speakers

- |  |              |
|--|--------------|
| • ZAGHIB K, Concordia University,          | Canada       |
| • EI KEDIM O, (UTBM),                      | France       |
| • IDDIR H, ANL, Illinois,                  | USA          |
| • BOUKHEROUB R, IEMN-IRI,                  | France       |
| • AYMARD L, LRCS,                          | France       |
| • USMAN M, KFUPM,                          | Saudi Arabia |
| • TABET N, College of science,             | UAE          |
| • OZANAM F, Ecole Polytechnique,           | France       |
| • SHETA .M.S ,NRC, Cairo,                  | Egypt.       |
| • SARICIFTCI. N.S, University Linz,        | Austria      |
| • AZIZI A, Université Ferhat Abbas-Sétif1, | Algeria      |

### ❖ Important dates

- Deadline for abstract submission: July 01, 2023
- Notification of abstract acceptance: September 16, 2023
  - Papers submission: November 28, 2023
  - Registration : September 30, 2023
- Date of the conference: 12<sup>th</sup> –14<sup>th</sup> November 2023