

Symposium: Current Research in Energy Storage Systems

Scope of the Symposium:

It is evident the increasing of the necessity of electric energy demanded by the actual society. For several reasons, new energy sources are needed, specially the green and renewable ones. Therefore, the scientific community is committed to develop and investigate efficient energy storage systems, for instance, the electrochemical cells. The aim of this symposium is present and discuss about the latest research and development of materials for electrochemical cells, as well as other electrochemical systems. In more details the emergent systems, for instance the Sodium-ion batteries and Supercaps, must also have a highlighted role in this symposium.

Abstracts will be solicited in (but not limited to) the following areas:

- Sodium-ion batteries
- Lithium-ion batteries
- Lithium-Air batteries
- Supercaps
- Thin-films
- Industrial Applications
- Other related topics

Tentative list of invited speakers:

1. Elizabeth Castillo-Martínez - CIC Energigune, Spain
2. Ivana Hasa - Sapienza University of Rome, Italy
3. Javier Carretero González - CIC Energigune, Spain
4. Jair Scarminio - Universidade Estadual de Londrina – Paraná, Brazil
5. Luiz Henrique Dall’Antonia - Universidade Estadual de Londrina – Paraná, Brazil
6. José Maurício Rosolen - Universidade de São Paulo - Ribeirão Preto - SP, Brazil

Symposium Organizers:

1. Alexandre Urbano

Depto de Física, UEL – PR

2. Luciana Gomes Chagas

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