
Second call for special session papers

Special session on

Challenges in battery and supercapacitor technologies

SS9 at ELECTRIMACS 2019

Special session organizers

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Special session theme

Advances in Li-ion battery and post Li-ion battery chemistries and supercapacitors will be presented with a focus on materials, material processing and cell design. Low environmental impact approaches and strategies to manage end-of-life devices are included. Modelling studies will be discussed as powerful tools to evaluate energy storage system performance for e-mobility, smart-grids and renewable energy storage plants. Test and analysis method for the evaluation of system safety and longevity are welcome.

Topics of interest

- Lithium-ion batteries and beyond
- Supercapacitors
- Materials for electrochemical storage application
- Modelling
- LCA and second-life
- Cell design

IMPORTANT DATES ([see updates on ELECTRIMACS 2019 website](#))

The submission system is open!

Deadline for special session papers

[see ELECTRIMACS 2019 website](#)

Notification of acceptance

1st March 2019

Final paper submission and registration

1st April 2019

PUBLICATIONS (see [ELECTRIMACS 2019 website](#))

- a **special issue of MATCOM** (Elsevier journal, SCOPUS and WOS indexed);
- a **Springer book in the series *Lecture Notes in Electrical Engineering***. Each paper, appearing as a book chapter, will be also online available (with DOI). The book will be sent for indexing to the major scientific databases, such as Scopus and WoS.