



E-MRS 2018 - Fall Meeting

1ST ANNOUNCEMENT

Symposium B

Battery and energy storage devices

September 17-20, 2018

Warsaw University of Technology, Poland

Symposium Organizers:

- **Claudia D'URSO - CNR-ITAE**
- **Juergen GARCHE - Ulm University**
- **Luis Gerardo ARRIAGA HURTADO - CIDETEQ**

Symposium web-site: <http://www.european-mrs.com/>

CONFERENCE OUTLINE

The European Materials Research Society (E-MRS) was established in 1983 through the initiative of individual European Material Scientists. A number of European materials scientists who attended the MRS meeting in the U.S.A. realized that such a society could be a benefit to Europe to enhance the links between materials science and industry and to provide a voice for the materials community. Both the E-MRS Spring and Fall Meetings provide an international forum to discuss recent advances in the field of materials science. The conference will consist of:

- ✓ About 22 parallel symposia,
- ✓ Plenary session with the presentation of the Juan Czocharlski Award,
- ✓ An Exhibition of products and services of interest to the conference participants,
- ✓ Satellite events

SCOPE

Electrochemical energy storage is a rapidly advancing field building on a continuous stream of innovative ideas. As renewable energy sources become increasingly prevalent the need for high energy-density, high- power storage devices with long cycle lives is greater than ever. The development of suitable materials for these devices begins with a complete understanding of the complex processes that govern energy storage and conversion spanning many orders of magnitude in length and time scales. The focus of this meeting is to bring together all aspects of batteries and electrochemical storage devices across multiple scales, from modelling and nanoscale characterization to full-scale battery construction and testing regimes. An interdisciplinary selection of speakers will cover this broad range of topics to develop an overview of the current research and challenges in the battery field. The intention is to bring together the international community working on the subjects and to enable effective interactions between research and engineering communities. Although a Europe-bound event, participation is invited from all continents. It provides an excellent opportunity for scientists, engineers and manufactures to present recent technical progress and products, to establish new contacts in the appreciated networking events and to exchange scientific and technical information. The symposium is structured in nine different sections covering diagnostic techniques and systems design/components.

HOT TOPICS

- LITHIUM ION CELLS
- NON LITHIUM TECHNOLOGIES
- FLOW-BATTERIES
- SUPERCAPACITORS
- BATTERY SYSTEMS
- AUTOMOTIVE AND MOBILE APPLICATIONS
- STATIONARY BATTERY SYSTEM
- INTEGRATED SYSTEMS
- LCA ELECTROCHEMICAL STORAGE

CALL FOR PAPERS

The conference will be conducted in English. Extend abstracts related to the above topics are invited by **MAY 21, 2018**.

ABSTRACT SUBMISSION

Website submissions are limited to 1500 characters. (only plain text, no figures, no formulae...)

Note: All abstracts must be submitted via E-MRS website at www.european-mrs.com

Submitting abstracts via the E-MRS is very easy and convenient. Follow the step-by-step instructions on the template, making sure that complete mailing address information is included for the presenting and contact authors. After submitting your abstract, please use the given Control ID number in all communications with E-MRS regarding the abstract UNTIL a paper number (e.g., A 8) is assigned. After that date, any change must be submitted to: emrs@inmat.pw.edu.pl (Subject: Abstract Revision) and must include your Control ID number. Please state exactly where the revisions are located (e.g., title, author, body, etc)

Authors will be notified of acceptance and the mode of presentation of their paper by **June 30, 2018**.

DEADLINES

Deadline for abstract submission is **May 21th, 2018 June 30, 2018**: Notification of acceptance and mode of presentation.

August 10, 2018: Deadline for registration at the early registration fee.

after August 10, 2018: Late registration fees apply.

August 16, 2018: Deadline for online registration.

September 3, 2018: Deadline for online registration.

Please note that the early registration fee is applicable only for participants who register and pay by August 10, 2018.

ORAL PRESENTATION

Duration of oral presentation, including discussion, depends on a Symposium Organizers but recommendations are:

- 45 minutes for plenary talks,
- 30 minutes for invited talks,
- 15 minutes for contributed talks.

CONFERENCE FEES

FULL RATE

Early registration fee (before August 10th, 2018): 450 EUR

Late (after August 10th, 2018) and on-site registration fee: 500 EUR

STUDENT RATE

Early registration fee (before August 10th, 2018): 280 EUR

Late (after August 10th, 2018) and on-site registration fee: 330 EUR

Students have to present evidence of their status

The registration fee for a Regular Participant includes:

1. Admission to the Plenary Sessions, all parallel symposia and workshops

2. Programme and electronic Book of Abstracts
3. Conference Badge
4. Refreshments during breaks
5. Lunches
6. Evening reception on Wednesday, September 19th, 2018
7. Admission to the poster sessions
8. One copy of the proceedings of a named symposium (if applicable)

CONFERENCE RECEPTION

All participants are invited to attend the Conference reception on Wednesday September 19th, 2018 starting at 18:00. Music entertainment and refreshments will be provided as part of conference arrangements. Symposium organizers and Best Presentation Award Winners will be honored at the beginning of the reception.

BEST PRESENTATION AWARD

E-MRS announces the availability of awards (up to 2 per symposium) for graduate students conducting research and a topic to be addressed in the symposia planned for the E-MRS 2018 Fall Meeting.

Each award will consist of a grant of **350 EUR** that will be offered during the plenary session jointly with a diploma.

Criteria for selection are:

Participation at the E-MRS 2018 Fall Meeting as an attendee and author or co-author of a symposium paper.

Outstanding performance in the conduct of this project and promise for future substantial achievement in materials research as judged by the faculty advisor.

Significant and timely research results.

Application materials required:

Application form duly completed

Abstract of paper to be presented at the meeting

Letter of support from research supervisor.

Submit the complete application form by email emrs@inmat.pw.edu.pl to the E-MRS Fall Meeting Secretariat by **July 16, 2018** at the latest.

Winners will be notified on-site directly by the concerned symposium organizer.

E-MRS Graduate Student Award winners must be present during the ceremony to get their prizes.

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CONFERENCE VENUE

Central Campus of Warsaw University of Technology Pl. Politechniki 1 00-661 Warsaw Poland

Many places of interest are within an easy walking distance of the University. Area of campus have got great student town atmosphere with many student pubs, which are great place to meet after symposia's and share experiences.

Good public transport connections, by metro, tramway, or by bus are available to the university from anywhere in Warsaw. Central campus lies just 10 minutes from city centre and 20-30 minutes from the Old Town.

