



## Invitation to submit a contribution to the Area E: Energy and Transportation of FEMS EUROMAT 2023 Conference

Dear Colleague,

It is our great pleasure to invite you to submit a contribution to the **Area E: Energy and Transportation**, of the **FEMS EUROMAT 2023 Conference**, that is going to be held in hybrid form (both physical and virtual) **from 3 to 7 September 2023**.

**EUROMAT is the premier international congress in the field of materials science and technology in Europe. FEMS EUROMAT 2023 Conference** will continue a successful series of material science conferences. In **FEMS EUROMAT 2023** there will be plenty of opportunity **to network with other delegates, participate in Q&A's and take a look around the exhibition**.

The physical site of **FEMS EUROMAT 2023** will be the Frankfurt Goethe-University's new Westend Campus. The online participants will use the proprietary conference platform of the German Materials Society – DGM, one of the three founding members of FEMS (Federation of European Materials Societies).

Additional information **on the FEMS EUROMAT 2023 conference** can be found on the flyer that can be [downloaded here](#).

**Area E: Energy and Transportation**, of the **FEMS EUROMAT 2023 Conference** is devoted to provide a comprehensive cross-section of the completely new and diverse set of technologies that are currently under development to realize the “*energy transition*” from an economy based on fossil fuels to a completely new paradigm wherein energy is mostly harvested from renewable sources, stored in the power grid and distributed throughout continent-wide “*smart*” networks to end users. The latter will implement innovative mobility solutions adopting radically new electric power plants and lightweight materials to curtail energy needs. The perspective of AREA E is **thus primarily on applications** rather than on individual classes of materials or processes.

The intention is to provide **a thematically wide forum allowing scientist and engineers active in the various subsectors of the energy transition** to exchange research ideas and trends in their respective fields, for their mutual benefit. Such subsectors include, but are not limited to: (i) the synthesis and the characterization of materials; (ii) the fabrication and testing of devices; and (iii) modeling of materials, devices and processes.

Contributors will be offered the possibility of submitting their work to dedicated special issues of high-ranking scientific journals, including [Advanced Energy Materials \(Wiley\)](#), [Advanced Engineering Materials \(Wiley\)](#) and the [European Journal of Materials \(Taylor and Francis\)](#).

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**Area E: Energy and Transportation**, of the **FEMS EUROMAT 2023 Conference** includes the following Symposia organized by top scientists in the respective fields:

- **E01: Advanced Materials for Transport Applications** ([download flyer Symposium E01](#));
- **E02: Photovoltaics: Materials** ([download flyer Symposium E02](#));
- **E03: Materials for Space Applications and Extreme Environments** ([download flyer Symposium E03](#));
- **E04: Redox Flow Batteries** ([download flyer Symposium E04](#));
- **E05: Lithium Batteries** ([download flyer Symposium E05](#));
- **E06: Beyond Lithium Batteries** ([download flyer Symposium E06](#));
- **E07: Anion Exchange Membrane Fuel Cells and Electrolyzers** ([download flyer Symposium E07](#));
- **E08: Proton Exchange Membrane Fuel Cells and Electrolyzers** ([download flyer Symposium E08](#));
- **E09: Energy Materials - Characterization and Modeling** ([download flyer Symposium E09](#)).

Additional information on each Symposium can be found on the flyers that can be downloaded following the links above.

Following the rules of the FEMS EUROMAT 2023 Conference **there will be no beforehand invitations**. Instead, presentations classified as "*Highlight*" will be selected at a later stage from among the best submitted abstracts. We are convinced that your participation to the AREA E of the FEMS EUROMAT 2023 Conference can contribute to guaranteeing an event with an excellent scientific level. **For this reason, it is our pleasure to invite you to submit an Abstract**.

The **deadline** to submit the Abstract of your contribution is **31 January 2023**.

**Abstract submission** is to be carried out [at the following link](#).

Unfortunately, at the moment, **we cannot promise any financial assistance with respect to your participation in the meeting**. As a general guideline, the participants to the FEMS EUROMAT 2023 Conference, including **Symposium organizers, session chairs, keynote speakers, and highlight speakers** must pay the regular congress fee.

We hope that you can participate to **FEMS EUROMAT 2023**, one of the **most exciting and cutting-edge hybrid meeting organized in 2023 in Europe**.

Best regards,

The Coordinators of AREA E: Energy and Transportation  
Prof. Vito Di Noto  
Dr. Dirk Lehmus