

FEMS EUROMAT23

03 - 07 Sep 2023 (Frankfurt am Main)

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FEMS EUROMAT is the most important international congress in materials science and technology in Europe. It continues a successful congress series promoting the transfer of knowledge and the exchange of experience between academia and industry. **Extended submission deadline: 15 March 2023**

G: Education, Strategy, and Technology Transfer

This area is planned as a forum to debate different topics, not usually considered in the frame of scientific symposia but of the uttermost importance to academics. As indicated in the title, the sessions will be scheduled around three basic pillars: Educational, Strategy, and Technology Transfer:

Educational

The talks and debates will be focused on Materials Science Education, with an emphasis on the new needs of the Society.

The first point is how to attract students to Materials disciplines and contribute to improving the citizens' knowledge about the importance of the materials. One of the key points will be the role of materials in accomplishing the 2030 Agenda/ Green deal.

The new Society and Market (employers) requirements call for an urgent redefinition of teaching strategies to help students to better acquisition of competencies.

An important question to be addressed is the design of methodological routes that allow the inclusion of new aspects of Materials Science in Materials Education and how to incorporate interdisciplinarity in materials science courses.

Finally, the open science paradigm must undoubtedly be present.

Strategy

Regarding strategy, the main question is whether it is really possible to make a European Science policy, possibilities, and opportunities to align the policies of the different EU countries.

Considering the EU bet on the Green Deal and the 2030 Agenda, what are the needs for Europe to occupy a relevant position in the "materials arena": Material Manifesto – a new EU policy for pushing material R&I

Technology Transfer

How does Materials science may impact the new EIC

From lab to market – to abate the time to market of innovation-based materials

Material R&I – a boosting element for the European VC market

Area Coordinator



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G01: Education, Strategy, and Technology Transfer

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