

FEMS EUROMAT 23

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. **Submission deadline: 31 January 2023**

Area D: Characterization and Modeling

D01: Materials Characterization Using Electron, Ion, Neutron and X-ray Microscopy and Scattering Techniques

This symposium solicitates studies that describe original experimental work on structural, magnetic, electronic, dielectric, or optical materials characterization by imaging, scattering, or spectroscopy techniques using electrons, ions, neutrons, or x-rays.

The focus should be on the materials aspects or structure-property relationships rather than pure technique development (which will be the subject of symposium D9) or pure materials modeling (which will be dealt with in symposia D7 and D10).

Materials are understood to include all kinds of lattice defects in single- or polycrystalline bulk matter, thin films, quantum domain structures, nanowires or nano-particles, as well as amorphous or organic materials.

A special focus will be on interfaces between any of those systems or structured surfaces where the high spatial resolution will be key to data interpretation.

Symposium Organizer



Dr. Yasmine Sassa
Chalmers University of Technology



Prof. Dr. Thomas Walther
The University of Sheffield

