

Lausanne, November 2015

Welcome and Invitation to Apply for a Presentation

Lausanne and *Junior Euromat* is a symbiosis since the beginning of the conference in 1992, rendering it the major event for young materials scientists and engineers in Europe. *Junior Euromat* assembles every two years more than 300 Master and PhD students, Post docs and young scientists from all over the world. The 13th *Junior Euromat* conference is for the first time organized by the Ecole Polytechnique Fédérale de Lausanne, Materials Department, Powder Technology Laboratory in close collaboration with FEMS and will be held at EPFL from July 10 to 14, 2016. Also for the first time, the Scientific Committee and the Organising Committee are responsible for the content and structure of *Junior Euromat*, adding further value to this unique event.

The conference maintains its scope, covering the many different aspects of materials science and engineering. From 2016 on, the structure will be related to the *Euromat* Series with 6 thematic areas:

- Functional Materials
- Structural Materials
- Design, Processing, Manufacturing & Recycling
- Energy, Transportation and Environment
- Life Science and Health
- Modelling and Characterization

Junior Euromat opts to bridge the academic and economic world and has the honour to host prominent plenary speakers from universities, research organisations and industry:

- Dr. W. Kaysser, Scientific Director, Helmholtz-Zentrum Geesthacht, Germany
- Dr. Martin Brunnock, Technical Director at Tata Steel Europe, UK
- Dr. Andreas Blatter, Director R&D PX Group, La Chaux-de-Fonds, Switzerland
- Dr. Silvia Bordiga, Director of NIS Centre of Excellence, University of Torino, Italy
- Dr. Elias Hontzopoulos, Vice President of PRIME Laser Technology SA, Keratea, Greece
- Dr. Katalina Balaszi, Institute for Technical Physics and Materials Science, Budapest, Hungary
- Willem Bulthuis, Global High-Tech Executive, Business Angel, Digitazion Advisor

The conference is structured in three parallel sessions on Monday and Tuesday, with both short and more extended presentations as well as with poster presentations. On Wednesday, the FEMS Lecturer Award Session, the Poster Awards, Science Slam and a Panel Discussion with stakeholders from industry, research and European organisations will take place.

On Thursday, various tutorials will be offered by leading experts to improve knowledge on specific fields including materials selection, small-scale mechanical testing, powder technology and colloidal systems, critical materials for a sustainable development, how to publish research in high impact factor journals, and others

With this new concept, *Junior Euromat* will in 2016 promote both research and innovation in a synergistic way so that 'excellent science' and 'industrial leadership' interact together. The conference aims to foster the exchange of information and knowledge in face-to-face discussions at poster panels and industrial stands, at coffee breaks and at a barbeque. A special session called "Science Slam" invites young investigators to present their research in a theatrical way in combination with the barbecue. We hope many young investigators will apply for such a presentation.

FEMS wishes you a very interesting and pleasant meeting combining scientific discussions and relaxing societal exchange at the banks of the Lake Geneva in Lausanne.

On behalf of FEMS and the Scientific and Organizing Committee

**Prof. Dr. Nikolaos
Michailidis**

Chair of the
Scientific Committee

**Prof. Dr. Heinrich
Hofmann**

Chair of the
Organizing Committee

**Dr. Margarethe
Hofmann-Antenbrink**

President of FEMS 2014/15,
Co-Chair of the
Organizing Committee

**Dr. Pedro Dolabella
Portella**

Co-Chair of the
Scientific Committee