

SECOND CIRCULAR

EPNOE 2016

2nd International EPNOE Junior Scientists Meeting

FUTURE PERSPECTIVES IN POLYSACCHARIDE RESEARCH

Sophia Antipolis (France)

October 13-14, 2016

Scope of the meeting

The *European Polysaccharide Network of Excellence* (www.epnoe.eu) is dedicated to connecting academia, research institutes and companies in the areas of polysaccharide related research, education and knowledge transfer. One aspect is to promote young academics at the very beginning of their scientific career. In this context, the *1st International EPNOE Junior Scientists Meeting*, held in January 2015 at *Wageningen University* (The Netherlands), was a great success. It provided a unique platform for junior scientists from different polysaccharide related research areas to present their individual scientific work along with personal visions of what might be the future perspectives in this broad scientific field. The *2nd International EPNOE Junior Scientists Meeting* that will be held October 13-14, 2016 in *Sophia Antipolis* (France) will continue this idea.

The call for abstracts is explicitly addressed to PhD students, Post-Doctoral scientists and junior Assistant Professors (or equivalent) in an early stage of their scientific career. The participants are invited to present recent results of their individual research, as well as to share their ideas on how polysaccharide research will or should advance in the near future. Likewise, senior scientist as well as industrial researchers are explicitly invited to join the auditorium in order to participate in fruitful discussions.

**2nd EPNOE Junior Scientists Meeting 2016 is hosted by the
Materials Forming Center (CEMEF) of Mines ParisTech
and co-organized by**

**University of Aveiro, University of Jena, MINES Alès, University of Maribor,
Petru Poni Institute, Graz University of Technology**

Topics and Scientific Program

Contributions from fundamental, as well as applied research are highly welcome. The call is open to all polysaccharide related topics including but not limited to:

- Fundamental polysaccharide research: theoretical/experimental studies on dissolution/regeneration of polysaccharides, computational analysis of polysaccharide assembling/disassembling, advanced techniques for the characterization of polysaccharides, interaction of polysaccharides with other compounds
- Isolation/production of polysaccharides: exploration of novel bioresources (e.g., algae, fungi, bacteria, crops and plants, waste products), improved techniques for obtaining polysaccharides of superior quality, biotechnological processes for polysaccharide production
- Biological and pharmaceutical aspects: biosynthesis of polysaccharides, genetic engineering/characterization of plants with respect to polysaccharide components, application of polysaccharides as pharmaceuticals or cosmetics
- Biorefinery of polysaccharide biomass: degradation of polysaccharides into monomers or platform chemicals, conversion of polysaccharides into energy or fuels
- Chemical/enzymatic functionalization of polysaccharides: novel techniques (solvents, derivatization reactions, greener processes) for derivatization of polysaccharides, enzymatic catalysis and advanced chemical modification of polysaccharide based materials
- Polysaccharide based materials: innovative processes for shaping of polysaccharides (e.g., into fibers, films, membranes), “non-classical” polysaccharide shapes (e.g., particles, hydrogels, aerogels), polysaccharide composites with organic/inorganic materials, nanostructured polysaccharide based materials, materials with functional surface modifications
- Polysaccharides in advanced applications: innovative applications of polysaccharides, polysaccharide derivatives, or polysaccharide based materials, e.g., in health, food, biotechnology, materials engineering, consumer products, agriculture, environment

Registration and fees

For Scientists working in a research center, university, or company member affiliated with EPNOE, a fee of 65€ is charged (to be paid by bank transfer; see website). For all other participants, the registration fee is 165 €. Starting from the 1st of January 2016, registrations can be made following the details posted on the EPNOE website (www.epnoe.eu).

Abstract submission and types of presentation

Starting from the 1st of January 2016, junior scientists from academia and industry (as defined in the scope) are welcome to submit abstracts of one page maximum to sylvie.massol@mines-paristech.fr. The abstract submission form provided at the EPNOE website (www.epnoe.eu) must be used. The meeting will feature oral (preferably by junior Assistant Professors, Post Docs and PhD students in the final stage of their studies) and poster presentations (preferably in the first two years of their studies). Applicants are requested to choose either of them.

Chairpersons

Carmen Freire (Portugal)
Martin Gericke (Germany)
Nicolas Le Moigne (France)
Zdenka Persin (Slovenia)
Carmen-Mihaela Popescu (Romania)
Stefan Spirk (Austria)

Registration

Sylvie Massol (France)

Local Organizing Committee

Nicolas Le Moigne
Sylvie Massol

Abstract Submission Process

Martin Gericke
Zdenka Persin
Sylvie Massol

Meeting Venue & Accommodation

The meeting will be hosted by the Materials Forming Center (CEMEF) of Mines ParisTech at Sophia Antipolis (France). Sophia-Antipolis is located in the French Riviera nearby the nice city of Antibes. A huge capacity of hotels of all standards can be found in Antibes. CEMEF - Mines ParisTech can be reached from Antibes by public transportation. French Riviera is a very popular holiday destination and we suggest that participants book hotel rooms before summer. Booking can be conveniently done through classical means or through the Tourist Office of Antibes (<http://www.antibesjuanlespins.com/en>). Further information will be posted on the EPNOE website in the course of the registration opening.

Important dates

- **14th of November 2015** Second circular and further information
- **1st of January 2016** Opening of abstract submission and registration
- **30th of June 2016** Deadline for abstract submission
- **15th of September 2016** Information about acceptance of proposed abstracts

Contacts

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Abstracts: Sylvie Massol (submission), Martin Gericke (general questions)

Acknowledgments

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