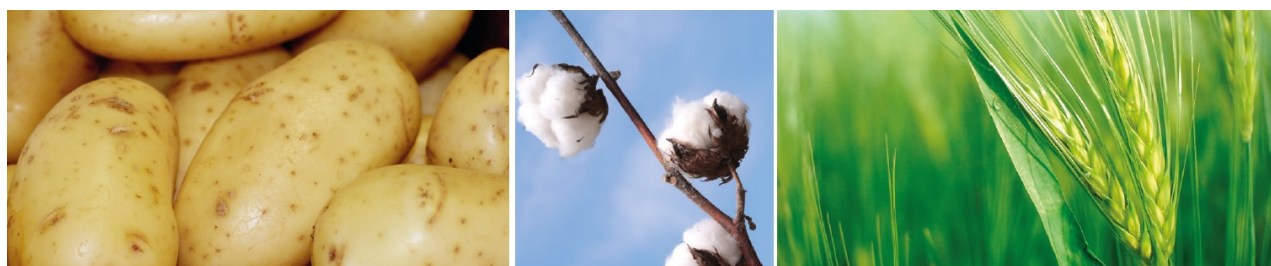


3rd International EPNOE Junior Scientists Meeting

ADVANCES IN FUNDAMENTAL AND APPLIED POLYSACCHARIDE RESEARCH

<https://3rd-epnoe-jun.sciencesconf.org/>



European Polysaccharide
Network Of Excellence

14th - 15th of May 2018 - Maribor / Slovenia

organized by



**LABORATORY FOR CHARACTERIZATION
AND PROCESSING OF POLYMERS**

University of Maribor – Slovenia

co-organized by

University of Jena, Mines ParisTech, Mines Alès, University of Aveiro, Graz

University of Technology, Petru Poni Institute

Scope of the meeting

The career advancement of young scientists is a key agenda of the European Polysaccharide Network of Excellence (www.epnoe.eu). In this context, the *EPNOE Junior Scientists Meetings* are specifically addressed to researchers from academia and industry (i.e., PhD students, Post-Doctoral scientists, junior Assistant Professors) at an early stage of their scientific career working in the broad field of polysaccharide research. The meetings are held every two years and were established as a unique platform for young scientist to present recent results, share visions on the future development of polysaccharide research, and build up a strong personal network among fellow young colleagues. Senior scientist and industrial researchers are explicitly invited to join the auditorium in order to participate in fruitful discussions.

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:

- Forestry, Agriculture, Biotechnology: cultivation and isolation of polysaccharide biomass and exploration of novel bioresources (e.g., algae, fungi, bacteria, crops and plants, waste products);
- Biorefinery of polysaccharide biomass: fractionation of polysaccharides from biomass streams and/or conversion into monomers, platform chemicals, energy, or fuels;
- Biological aspects: biosynthesis of polysaccharides, genetic engineering / characterization of plants with respect to polysaccharide components;
- 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;
- Chemical functionalization of polysaccharides: novel approaches (solvents, derivatization reactions, greener processes) for derivatization of polysaccharides, enzymatic catalysis and advanced chemical modification of polysaccharide based materials;
- Advanced fields of application: innovative applications, e.g., in health, food, biotechnology, materials engineering, consumer products, agriculture, environment;



- Polysaccharide based materials: innovative processes for shaping of polysaccharides (e.g., into fibers, films, membranes, bulk material), “non-classical” polysaccharide shapes (e.g., particles, hydrogels, aerogels), polysaccharide based composites with organic/inorganic materials, nanostructured polysaccharide based materials, materials with functional surface modifications.

Abstract submission and types of presentation

Starting from the 15th of November 2017, junior scientists from academia and industry are welcome to submit abstracts of one page at <https://3rd-epnoe-jun.sciencesconf.org/>. Please create an account before submission. 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 PhD students in the first two years of their studies).

Registration and fees

For Scientists working in a research center, university, or company member affiliated with EPNOE, a fee of 120 € applies (to be paid by bank transfer). For all other participants, the registration fee is 170 €. Starting from the 15th of November 2017, registrations can be made under <https://3rd-epnoe-jun.sciencesconf.org/>.

Organizing Committee

Rupert Kargl, Manja Kurečič, Zdenka Peršin (University of Maribor)

Abstract Submission & Registration

on the webpage

<https://3rd-epnoe-jun.sciencesconf.org>

Conference Board

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

Meeting Venue & Accommodation

The 3rd International EPNOE Junior Scientists Meeting will be held from 14th – 15th of May, 2018 in Maribor / Slovenia. The Laboratory for Characterization and Processing of Polymers (LCPP) at the University of Maribor is the host of this event. It will take place in the main building of the University which is situated in the historic center of the second largest Slovenian city. Surrounded by flourishing vine-yards and the alps nearby, the city offers a positive atmosphere for academic exchange, open-minded discussions and recreation afterwards. The venue can be reached easily by train from the international airport of Graz - Austria in one hour, or by car in below fifty minutes. Connections by train or bus are also available from the airports of Vienna (Austria), Ljubljana (Slovenia) or Zagreb (Croatia). Plenty of accommodations of various prices and comfort levels can be found under: <https://maribor-pohorje.si/accommodation.aspx>. Further information will follow.



Important dates

- **15th of November 2017** Abstract submission and registration open
- **15th of February 2018** Deadline for abstract submission
- **1st of March 2018** Notification of acceptance

Contacts

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Registration/Payments: Sylvie Massol (sylvie.massol@mines-paristech.fr)

Acknowledgements

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