5th EPNOE International Polysaccharide Conference

POLYSACCHARIDES AND POLYSACCHARIDE-BASED MATERIALS: FROM SCIENCE TO INDUSTRIAL APPLICATION

Congress Centre Erfurt, Germany
September 04 - 07, 2017

Scientific programme:
- Polysaccharides – resources, isolation and standardization
- Physical and chemical characterization of polysaccharides and their derivatives in bulk, solution and on surfaces (e.g., molecular and supramolecular structure, morphology, assembling and dissembling, interaction with solvents and surfaces)
- Biotechnology of polysaccharides and their applications (bacterial cellulose, dextran, etc.)
- Chemistry of polysaccharides – novel synthesis paths and new products
- Solvents for polysaccharides for shaping, analysing and homogeneous chemistry
- Fibres, films, sponges, particles and composites derived from polysaccharides and their derivatives
- Nanotechnology with polysaccharides and their derivatives (nanocellulose, nanoparticles, whiskers)
- Applications of polysaccharides and polysaccharide derivatives (food, pharma, cosmetics, laundry, and other fields of interest)
- Pulp and paper
- Conversion of polysaccharide biomass into biofuels, platform chemicals, or energy

EPNOE-ACS committee:
Pedro Fardim (EPNOE-Finland), Chairperson
Patrick Navard (President EPNOE)
Youssef Habibi (ACS-Luxemburg)
Anton Huber (EPNOE-Austria)
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Ralf Bauer, Chairman
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Andreas Koschella
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EPNOE 2017 is organized by the
Friedrich Schiller University Jena, Center of Excellence for Polysaccharide Research
Thuringian Institute for Textile and Plastics Research (TITK) Rudolstadt

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