



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)
Karin Stana-Kleinschek (EPNOE-Slovenia)

Kevin Edgar (ACS-USA)
Thomas Heinze (EPNOE-Germany)
Valeria Harabagiu (EPNOE-Romania)
Marie-Pierre Laborie (ACS-Germany)

Local organizer:

Ralf Bauer, Chairman	Thomas Heinze, Vice-Chairman	Frank Meister	Andreas Koschella
Michael Schöbitz	Martin Gericke	Sabine Rother	Annett Pfeiffer

EPNOE 2017 is organized by the

Friedrich Schiller University Jena,
Center of Excellence for
Polysaccharide Research



and

Thuringian Institute for Textile
and Plastics Research (TITK)
Rudolstadt



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