



**5<sup>th</sup> 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

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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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