



First Circular

EPNOE 2017

5th EPNOE International Polysaccharide Conference
POLYSACCHARIDES AND POLYSACCHARIDE-BASED
MATERIALS: FROM SCIENCE TO INDUSTRIAL APPLICATION

Friedrich Schiller University of Jena, Jena, Germany

August 20 – 24, 2017

Scope of the conference

POLYSACCHARIDES are used for food, for health care and for materials due to their renewable character and their low carbon footprint. However, due to the complexity of their synthesis in nature, to the difficulty in dis-assembling them, to the highly multidisciplinary character of polysaccharide research and to the very large variety of applications, there is a need for events where all the scientific specialties will meet. EPNOE International Polysaccharide Conferences are now key features of the calendar of European scientific events. The conference has been organized biannually since 2009. The conference aim is to bring together students, scientists and specialists working in industry, universities and research institutes to exchange experiences, present research results, develop a platform for mutual scientific contacts and intensify academic/industry cooperation.

Since 2013, the EPNOE International Polysaccharide Conference has been promoted and organised jointly by the European Polysaccharide Network of Excellence (**EPNOE**) and the Cellulose and Renewable Materials Division of the American Chemical Society (**ACS**). On behalf of EPNOE and ACS, we have the pleasure to invite you to participate.

Scientific Program

- 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 Disassembling, Interaction with Solvents and Surfaces)

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**



seit 1558



- 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

Pre-Conference Course

A pre-conference course on “Cellulose solvents for shaping and homogeneous phase chemistry” will be organised on Sunday August 20, 2017. Students with oral or poster presentations during the conference and participating to this pre-conference course will receive a written certificate of attendance.

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

Conference Venue

The conference will take place in the lecture theatres of Friedrich-Schiller-University Jena. It offers modern and well equipped rooms. All the buildings can be easily reached without getting your feet wet, and have access to the outdoor area whenever the occasion may demand. You will be welcomed to Jena, located in the picturesque valley of the River Saale and surrounded by shell-limestone slopes. Here an attractive mix of innovative culture and unparalleled nature awaits you, whatever the season. Favourable transport links to most of the largest German Airports at Frankfurt, Munich, Berlin and Leipzig and the ambience exuded by the historical city create ideal conditions for events.

Important dates

- 01 December 2016: Opening of abstract submission
- 15 February 2017: Deadline for submitting abstracts
- 01 February 2017: Opening of online registration

Contact: www.epnoe2017.de