Scope of the conference

EPNOE (European Polysaccharide Network of Excellence) and the Cellulose and Renewable Materials Division of the American Chemical Society (ACS) decided in 2011 to join their efforts in promoting basic and applied sciences of polysaccharides by organising common events. The 3rd EPNOE conference, EPNOE 2013, is one of these events organised by EPNOE and ACS.

EPNOE and ACS are expecting EPNOE 2013 conference to be a forum bringing together academic, industrial, and government scientists and students dealing with polysaccharides and polysaccharide-derived products. Many disciplines including biologists, chemists, physicists, food specialists, technologists, and environmentalists will meet and gain knowledge about the interdisciplinary world of polysaccharide science.

EPNOE 2013 is organized by the Materials Forming Center (CEMEF) of Mines ParisTech/CNRS/Armines
International Scientific Committee

Maria Christina Area  Shiyu Fu  Martin Patel
Rolando Barbucci  Robert Gilbert  Berit Smestad Paulsen
Thomas Bechtold  Neil Gow  Jaime Rodrigues
Carmen Boeriu  Candace Haigler  Orlando Rojas
Redouane Borsali  Stephen Harding  Thomas Rosenau
Alain Buléon  Thomas Heinze  Bodo Saake
Vincent Bulone  Akira Isogai  Etienne Schacht
Danuta Ciechanska  Tetsuo Kondo  Henk Schols
Lubbert Dijkhuizen  Nina Kotelnikova  Sevda Şenel
Vince Edwards  Janne Laine  Maija Tenkanen
Hans-Peter Fink  Didier Letourneur  Lina Zhang
Alfred French  Sheila Murphy
Elisabete Frollini  Yoshiuki Nishio

EPNOE-ACS Committee

Pedro Fardim (Finland), Chairperson
Kevin Edgar (ACS-USA)
John Finley (ACS-USA)
Tim Foster (UK)
Bruce Hamaker (ACS-USA)
Anton Huber (Austria)
Karin Stana-Kleinschek (Slovenia)
Valeria Harabagiu (Romania)

Local Organizing Committee

Cemef (Mines ParisTech-CNRS-Armines)

Patrick Navard, Chairperson
Noelle Billon
Tatiana Budtova
Florence Morcamp
Julie Navard
Edith Peuvrel-Disdier
Rudy Valette
Bruno Vergnes

Topics of the conference

All research and application topics related to polysaccharides are within the focus of EPNOE 2013. In particular, the International Scientific Committee has identified the following aspects:

1. Polysaccharide isolation and characterization (algae, new crops and plants, by-products, wastes, other sources…)
2. Biosynthesis of polysaccharides
3. Biodegradation of polysaccharides (mechanisms, products determination, efficiency), enzymology
4. Chemical modification of polysaccharides
5. Advanced physical, chemical, structural, and surface characterisation of polysaccharides
6. Nanotechnology: nano and micro-polysaccharide-based objects (production, characterisation, use)
7. Biomimetic applications of polysaccharides
8. Development of fuels based on polysaccharides
9. Polysaccharides as food ingredients
10. Polysaccharides for biomedical applications
11. Polysaccharide-based materials including films, fibers and composites
12. Bioplastics
13. Pulp and paper
14. Life Cycle Assessments- Environmental concerns –Policy – Social aspects
15. New trends on polysaccharide research and applications (session organised by PhD students and post-doctoral researchers from EPNOE partners).

A round-table discussion on education, an evening session for the general public and a special session entitled “Polysaccharide-based bio-economy: visions of CEO’s and major stakeholders” are planned. In addition to oral and poster presentations, two special guests, four plenary lecturers and more than 30 invited lecturers from all over the World will deliver talks.

**Special guests and Plenary lecturers**

**Special Guests**
- Thomas Heinze (university of Jena, Germany). EPNOE scientist. ACS Anselme Payen awardee 2011
- Hans-Peter Fink (Fraunhofer Society, Gölm, Germany). EPNOE scientist. ACS Anselme Payen awardee 2012

**Plenary lecturers**
- Herman Höfte (INRA. Versailles, France) - Biosynthesis
- Yoshiyuki Nishio (Kyoto university, Japan) - Biomass-based materials
- Bruce Hamaker (Purdue university, USA) - Food
- Rolando Barbucci (Siena university, Italy) - Health

The names of the Invited Lecturers will appear end of 2012 on the website.

**Pre-Conference Course**

A pre-conference course on **“Polysaccharide-based and polysaccharide-derived Bioplastics including natural fiber-reinforced composites and thermoplastics-thermosets”** will be organised Sunday October 20, 2013 in Mines ParisTech (Sophia Antipolis). Transportation from Nice to the course site and back will be organised.

The programme will be available beginning of 2013 on the web site of the conference.

**Registration and fees**

Registration will open 1st January 2013. All information for registering and proposing oral or poster communications is on the web site of the conference.

**Fees**

EPNOE 2013 conference

Registration fees include attendance to all sessions, book of abstracts, coffee-breaks, lunches and the banquet. We strongly advise you to arrange the payment by credit cards.

Registration before 31 July 2013
- Regular participants 760€/person
- Student 390€/person
  (Special rate for student group from same university)

Registration after 1 August 2013
- Regular participants 860€/person
- Student 490€/person
Pre-Conference Course on Bioplastics
Registration fees include attendance to all lectures, slides of lectures, coffee-breaks, lunches and transportation from Nice to Sophia Antipolis and back.

- Regular participants: 150€/person
- Students: 50€/person

Abstract submission
You are welcome to submit abstracts (see template on the website) from January 1st to May 15, 2013. Submissions will be reviewed by the International Scientific Committee and you will be notified of their decisions around June 15, 2013.

Conference Venue
Nice is ideally located between the high mountains of Alps and sea, with a very comfortable climate in October (temperature during day 18-20°C, sea temperature 20°C). Nice has the second international airport in France after Paris, connected directly to more than 100 destinations in the World.

The conference will take place in the newly restored Acropolis Congress Hall of Nice, located 1 Esplanade Kennedy. It is situated in the heart of the old city, a few hundred meters from the Mediterranean Sea.

Accommodation
Nice offers a huge capacity of hotels of all standards, most of them located in or close to the city center where the Acropolis Congress Hall is situated. Nice has a good public transportation system and Acropolis is easy to be reached.

Nice and the French Riviera are very popular holiday destinations and we suggest that EPNOE 2013 participants book hotel rooms before summer. Booking can be conveniently done through classical means like agencies or booking sites or through the Tourist Office of Nice (www.nicetourisme.com).

Important dates

- 01 January 2013: Opening of abstract submission and registration
- 15 May 2013: Deadline for submitting abstracts
- 31 July 2013: Deadline for early registration

http://epnoe2013.sciencesconf.org