

EUROPEAN POLYSACCHARIDE
NETWORK OF EXCELLENCE

AMERICAN CHEMICAL SOCIETY



THIRD CIRCULAR



EPNOE 2013

3rd EPNOE International Polysaccharide Conference

**POLYSACCHARIDES AND POLYSACCHARIDE-
DERIVED PRODUCTS
FROM BASIC SCIENCE TO APPLICATIONS**

Nice (France)

21-24 October 2013

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, fibres 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 dedicated to industrial issues are planned. In addition to oral and poster presentations, two special guests, four plenary lecturers and more than 30 key-note and 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 2010
- 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

Key-note lecturers

Gudmund Skjak-Braek (Norway), Thomas Rosenau (Austria), Kevin Edgar (USA)
Richard Murphy (UK), Jay-Lin Jane (USA), Redouane Borsali (France)
Vincent Bulone (Sweden), Steve Cui (USA), Didier Letourneur (France)
Vincent Edwards (USA), Yapeng Fang (China), Herbert Sixta (Finland)
Akira Isogai (Japan), Elisabete Frollini (Brazil), Shabbir H. Gheewala (Thailand)

The names of the Invited Lecturers will appear mid-2013 on the website.

Pre-Conference Course

A pre-conference course on “*Challenges and perspectives in making materials from polysaccharides*” will be organised on Sunday October 20, 2013 in Mines ParisTech (Sophia Antipolis). Transportation from Nice to the course site and back will be organised.

Registration and fees

All information for registering and proposing oral or poster communications is posted on the website of the conference.

Fees

EPNOE 2013 conference

Registration fees include attendance to all sessions, book of abstracts, coffee-breaks, lunches and the banquet. Payment can be made either by credit card or bank transfer.

Registration until 15 August 2013

Regular participants	760€/person
Student	390€/person
Special rate for student group from same university (for at least 3 Master or PhD students).	

Registration after 15 August 2013

Regular participants	860€/person
Student	490€/person

Pre-Conference Course on Materials from Polysaccharides

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 (through the website) until July 15, 2013. Submissions will be reviewed by the International Scientific Committee and you will be notified of their decisions around July 31, 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 centre 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

- **21 July 2013:** Extended deadline for submitting abstracts
- **31 August 2013:** Deadline for early registration

Website: <http://epnoe2013.sciencesconf.org>

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