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EPNOE 2013

3rd EPNOE International Polysaccharide Conference

POLYSACCHARIDES AND POLYSACCHARIDE - DERIVED PRODUCTS FROM BASIC SCIENCE TO APPLICATIONS

Nice (France)

21-24 October 2013

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

This conference is a forum bringing together academic, industrial, and government scientists and students dealing with polysaccharides and polysaccharide-derived products. Many specialists including biologists, chemists, physicists, food specialists, technologists, and environmentalists will meet and gain knowledge about the interdisciplinary world of polysaccharide science.

All research and application topics related to polysaccharides are within the focus of EPNOE 2013, particularly:

- Polysaccharide isolation and characterisation (algae, new crops and plants, by-products, wastes, other sources)
- Biosynthesis of polysaccharides
- Biodegradation of polysaccharides (mechanisms, products determination, efficiency), enzymology
- Chemical modification of polysaccharides
- Advanced physical, chemical, structural, and surface characterisation of polysaccharides
- Nanotechnology: nano- and micro- polysaccharide-based objects (production, characterisation, use)
- Biomimetic applications of polysaccharides
- Development of fuels based on polysaccharides
- Polysaccharides and food ingredients
- Polysaccharides for biomedical applications
- Polysaccharide-based materials including films, fibres and composites
- Bioplastics
- Pulp and paper
- Life Cycle Assessments- Environmental concerns –Policy – Social aspects
- 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 CEOs 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 a speech.

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

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