

Papers, proceedings

The abstract of papers should be received before October 30, 2011. The template available on the website must be used for the preparation of the abstract, which should be uploaded through the website. A short abstract must also be prepared for inclusion in the conference program, and submitted through the website according to the instructions there. A USB stick with the abstracts will be made available to all delegates at the conference. The full text of the papers will be considered for publication in several journals (Cellulose, European Polymer Journal, Composite Interfaces) with high impact factor after the usual peer review process. The details of submission will be given on the website.

Deadlines

Registration, abstract submission: October 30, 2011
Acceptance of papers: January 31, 2012
Payment: March 15, 2012

Registration, accommodation

The conference fee includes participation, USB stick with abstracts, welcome reception, refreshments, lunches and banquet.

| Registration fee (EURO) | before | after |
|------------------------------|----------|-------|
| | deadline | |
| Full delegate | 550 | 650 |
| Student, accompanying person | 300 | 400 |

Space will be available for companies interested in product exhibition. Please contact the Conference Secretariat for further details. Special rates for accommodation are offered by Hotel Azúr where the conference is hosted. The room rate for a double room is 65 Euro/night with single occupancy and 80 Euro/night with double occupancy including breakfast. Programs for accompanying persons will be available, for details please visit our website.

Travel

Budapest can easily be reached by air, railway or road. The organizers will arrange bus transfer from Budapest to Siófok on May 27 and also from Siófok to Budapest after the conference on May 30 and 31. Those who would like to make their own travel arrangements can reach Siófok either by car, train or bus. For further information about public transport services visit the following websites:

<http://j.mp/bipoco-train>
<http://j.mp/bipoco-bus-hun>

Detailed instructions and timetables will be available on the BiPoCo 2012 website.

Visa

In general, citizens of most European countries, (members of the European Union except countries of the former USSR), the USA, Canada and Israel do not need a visa to enter Hungary. Nevertheless, delegates are advised to check visa regulations with their local travel agents, or with the Hungarian Embassy or Consulate in their home countries. For more information visit the following website:

<http://j.mp/bipoco-visa>

Everyone is asked to make their own arrangements. The Conference Secretariat can provide an official letter of invitation on request.

Conference Secretariat

Mrs. Dóra Tátraaljai

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Bipoco2012,
an International Conference on

Bio-Based Polymers and Composites

May 27-31, 2012
Siófok, Lake Balaton
Hungary

First Circular and Call for Papers



Visit the conference website regularly
for updated information:

www.bipoco2012.hu

Background

The environmental awareness of the society is increasing continuously, and already became an important factor in the development of new materials and technologies. The tendency is recognized also by the European community, which supports a considerable number of projects in order to accelerate the development of materials satisfying public demand. Three such projects, Biostruct, Forbioplast and Woody, with overlapping scopes focus on the valorization of forest derived resources for the production of biobased products like polymers, additives and composites with natural reinforcements for various applications including agriculture, automotive, construction, electronics and packaging. The management of the three projects decided to join forces to organize the BiPoCo 2012 conference in order to create a possibility to disseminate their results and to increase the efficiency of their research and development by exchanging ideas with leading experts in the field.

Goals, scope

The Organizing Committee intends to provide the scientific community and industry the opportunity to present their latest results for discussion at a worldwide forum, to create a friendly atmosphere for socializing and strengthening personal ties, and to offer young scientists an opportunity to present their work and interact with the community. Scientific and technological presentations and discussions will focus on the theory and practice of bio-based raw materials, polymers and reinforcements, their blends and composites and other issues of the production and use of such materials in various areas:

- *Bio-based polymers and their blends:* PLA, PHB, copolymers, impact modification of PLA, biopolymer blends, modification with natural polymers.
- *Natural polymers and their modification:* Cellulose, starch, chitin, chitozan, cellulose derivatives, cellulose plasticization, functionalization, plasticization of starch.
- *Natural fiber reinforced composites:* Natural fibers, nanocellulose, all cellulose composites, wood flour composites, surface modification and coupling, deformation and failure mechanism, water sensitivity.

- *Other raw materials based on natural resources:* Lignin, tall oil, lignin modification, liquefaction, biobased polyurethanes, polyesters, other thermoset resins and their composites.
- *Biodegradation and environmental issues:* Biodeterioration and biodegradation, enzymatic modification, composting; life cycle analysis, environmental impact.
- *Application of bio-based polymers and composites:* Automotive applications, electronics, biomedical applications and tissue engineering, thin films and coatings, packaging, agriculture and horticulture, eco-building and construction applications.
- *Consumer expectations and attitudes towards bio-based polymers*

Invited Speakers

Berglund, L. (Stockholm, Sweden): nanocellulose
Crestini, C. (U. Salerno, Italy): lignin
Glasser, W.G. (Virginia Tech., USA): biocomposites
Lecoq, E. (EU Commission, EU): bioeconomy
Narayan, R. (Michigan, USA): environment

Chairman

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Local Organizing Committee

T. Czigány, Budapest University
K. Belina, Kecskemét College
G. Faludi, Budapest University
J. Karger-Kocsis, Budapest University
S. Kéki, University of Debrecen
Gy. Marosi, Budapest University
K. Marossy, University of Miskolc
J. Móczó, Budapest University
K. Renner, Budapest University
A. Sudár, Budapest University

International Scientific Committee

Diemert, J., coordinator of Biostruct, Germany
Lazzeri, A., coordinator of Forbioplast, Italy
Rametta, R., coordinator of Woody, Italy
Ferrari, A.M., coordinator of Woody, Italy

Aranguren, M., Intema, Argentina
Bledzki, A., West Pomeranian University, Poland
Burgstaller, Ch., TKCT GmbH, Austria
Camino, G., Politechnico di Torino, Italia
Chodak, I., Slovak Academy of Sciences, Slovakia
Dubois, Ph., University of Mons, Belgium
Del Mistro, D., La.So.Le. Est Srl, Italy
Ekman, K., Stora Enso Pulp Supply, Finland
Gandini, A., University of Averio, Portugal
Imam, S., US Department of Agriculture, USA
Kröhnke, Ch., Clariant GmbH, Germany
Kunaver, M., Nat. Institute of Chemistry, Slovenia
Mondragon, I., Universidad del País Vasco, Spain
Oksman, K., Luleå University, Sweden
Peijs, T., Queen Mary University, London, UK
Pipino, A., Fiat Research Center, Italy
Jie Ren, Tongji University, China
Svab, I., Isokon, d.o.o., Slovenia

Venue

The conference will be held at Hotel Azúr, a Mediterranean style lakeside hotel in Siófok, which is also the leading conference and wellness centre of the region. Siófok is the largest town on the southern side of Lake Balaton with pleasant parks ornamented with statues and a Lutheran church of remarkable style. The port of the town serves every boat route on the lake, several cruise boats also start from here. The beautiful surroundings, the nearby thermal baths and, first of all, the largest lake in Central Europe with its silky green water makes the Balaton region one of the most popular holiday resorts in Hungary. Visitors may find many possibilities to spend their time pleasantly: besides enjoying one of the sunny beaches or the hot waters of a spa, they can make excursions to the surrounding vineyards and forests, visit one of the summer festivals, cultural or sport events and try the traditional Hungarian cuisine. For further information visit the websites:

<http://www.hotelazur.hu>
<http://www.siofok-city.com>
<http://www.hungary.com/balaton>