



Images courtesy of Clarifoil and Novamont

# Bioplastics Processing & Properties

Thursday 6 October 2011  
Hilton Hotel, Sheffield, UK



Polymer  
Centre

Organised by SCI's BioResources Group in collaboration  
with SCI's Process Engineering and Science & Enterprise  
Groups and the Polymer Centre at the University of Sheffield



where science meets business

- Programme**
- 09:30** Registration and refreshments
  - 10:15** **Introduction by chair for morning session**
  - 10:20** **Regulatory development and economics for energy from bio-waste**  
John Williams, NNFCC
  - 10:40** **A brand owner's perspective on sustainable packaging**  
Mike Butler, Unilever Research
  - 11:00** First Oral poster presentation
  - 11:15** **Development of the UK market for bio-based polymers**  
Malcolm Harold, Materials KTN
  - 11:35** Refreshments
  - 11:55** **Developments in furanics**  
Dirk den Ouden, Avantium
  - 12:15** **The market for second generation PLA**  
Peter Reineck, Nuplas
  - 12:35** Second Oral poster presentation
  - 12:50** **Development of the market for PHA**  
Peter Kelly, Telles
  - 13:10** Lunch
  - 14:00** **Introduction by chair for afternoon session**  
John Williams, NNFCC
  - 14:05** **Bio-based plastic development: markets, feedstock and policy**  
Michael Carus, nova-Institut
  - 14:25** Third Oral poster presentation
  - 14:40** **Latest developments in masterbatches for bio-based plastics**  
Marcel Dartee, PolyOne
  - 15:00** **Latest equipment trends in bioplastics processing**  
David Bargery, BKG / Kreyenborg
  - 15:20** Refreshments
  - 15:35** **Properties of bio-based plastics**  
Carmen Michels, FKUR
  - 15:55** **Bio-based polymer films**  
Peter Ettridge, Amcor Flexibles
  - 16:15** Panel Q&A
  - 16:35** Wine reception, presentation of poster prize and speed networking
  - 17:30** Close



## Synopsis

Following the format of the successful 2009 conference, this event will address issues associated with the use of bioplastics as they enter the mainstream of the plastics industry.

This one day meeting will focus on the industrial utilisation of biorenewable polymers. This will allow key business people from the plastics and packaging industry, and scientists involved in bioplastics research and applications development, to gain an overview of bioplastic processing and properties, focusing on commercially available bioplastics such as Poly Lactic Acid (PLA) and Poly Hydroxy Alkanoate (PHA).

## Sponsors



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by the European Union  
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## Posters

SCI invites researchers in the subject area to submit a synopsis for a poster. To make a submission please send a 250 word abstract, by **6 September 2011**, to Shelagh Cowley at [s.h.cowley@sheffield.ac.uk](mailto:s.h.cowley@sheffield.ac.uk). Abstract templates can be downloaded from [www.polymercentre.org.uk/sci-bpp](http://www.polymercentre.org.uk/sci-bpp). SCI has a limited number of Travel Bursaries available. Researchers whose posters are chosen for display may apply. Please note applications will not be processed until after the conference.

## Information on SCI

SCI is an international, independent charity whose remit is to promote the application of science for the benefit of society.

SCI is the publisher of many well respected journals and industry leader Chemistry & Industry magazine (C&I). SCI can offer a network of contacts spanning education, science and business, an in-depth knowledge of chemical related industries together with a rolling programme of conferences, awards and scholarships to help further knowledge and support those involved in the sector no matter what stage of their careers.

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where science meets business

**Bioplastics Processing & Properties**

06 October 2011 @ Hilton Hotel, Sheffield, UK

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Please register online by visiting [www.polymercentre.org.uk/sci-bpp](http://www.polymercentre.org.uk/sci-bpp) and following the link

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Signed.....

Please return completed forms to:

Miss Shelagh Cowley  
Training and Events Manager,  
Polymer Centre, Dainton Building  
University of Sheffield, Sheffield, S3 7HF

Tel: 0114 2229520  
Fax: 0114 2229389  
Email: [s.h.cowley@shef.ac.uk](mailto:s.h.cowley@shef.ac.uk)  
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