

BPG 2008 - Annual Meeting of the Belgian Polymer Group

Programme

Thursday May 22, 2008

09:30 Registration and Welcome Coffee

10:30 Opening Remarks

Dr Dirk BONTINCK (CYTEC SURFACE SPECIALTIES, Drogenbos, Belgium)
Prof. Dirk VANDERZANDE (UNIVERSITY OF HASSELT, Hasselt, Belgium)

Session 1: Polymer Electronics

Chair:

Dr Christine JEROME
(ULG, Liege, Belgium)

10:45 Invited Plenary Lecture

Multi-Junction Polymer Solar Cells

Prof. René JANSSEN
(EINDHOVEN UNIVERSITY OF TECHNOLOGY, Eindhoven, The Netherlands)

11:35 Influence of the Side-Chain on the (supra)molecular Behaviour of Poly(dithieno[3,2-b:2',3'-d]pyrrole)s: From Helical Stacks Towards a Molecular Solenoid

Mr Wouter VANORMELINGEN
(KULEUVEN, Leuven, Belgium)

11:55 In-plane Orientational Control of Discotic Phthalocyanine Columns

Mr Pierre-Olivier MOUTHUY
(UCL, Louvain-La-Neuve, Belgium)

12:15 A Potential Route to New Polymer Architectures for Poly(p-Phenylene Vinylene) Derivatives

Mr Jimmy WOUTERS
(UHASSELT, Diepenbeek, Belgium)

12:35 Lunch and Poster/Exhibition Session

Session 2: Functionalised Polymer Systems

Chair:

Prof. Bruno VAN MELE
(VUB, Brussels, Belgium)

14:20 Effect of the Addition of Nanoclay on the Extrusion Foaming of Poly(styrene-co-acrylonitrile) with Supercritical Carbon Dioxide

Ms Laetitia URBANCZYK
(ULG, Liège, Belgium)

14:40 The Importance of Interfaces and Interactions in Polymeric Nanocomposites Revealed by Quasi-Isothermal Crystallization

Mr Hans MILTNER
(VUB, Brussels, Belgium)

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15:00 A New Approach for Functionalization of Polyurethanes Involving 'click' Chemistry

Dr David FOURNIER
(UGENT, Lille, France)

15:20 Poster/Exhibition Session

17:10 Bianual BPG Award 2008 to Dr. James L. Hedrick

Introduction

Prof. Philippe DUBOIS
(LUXEMBOURG INSTITUTE OF SCIENCE AND TECHNOLOGY, Hautcharage, Luxembourg)

Award Lecture

Organic Catalysis: A Broadly Useful Strategy for Living Polymerization

Dr. James L. HEDRICK
(IBM ALMADEN RESEARCH CENTER, San Jose, United States)

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08:00 Breakfast

Session 3: Advanced Polymers for Bio(medical) Application

08:31 Chair:
Prof. Thomas CLEIJ
(UHASSELT, Diepenbeek, Belgium)

09:15 Invited Plenary Lecture

Molecularly Imprinted Polymers (MIPs): Synthetic Receptors with a Large Playground
Prof. Börje SELLERGREN
(UNIVERSITY OF DORTMUND, Dortmund, Germany)

10:05 Improved anti-fouling properties of hydrogel intraocular lenses by chemical coating with poly(ethylene glycol) derivatives
Mrs Dimitryia BOZUKOVA
(ULG, Angleur, Belgium)

10:25 In Situ Bio-Functionalization and Cell Deformation in Microfluidic Channels
Mr Sylvain GABRIELE
(UMH, Mons, Belgium)

10:45 Coffee Break and Poster/Exhibition Session

11:15 Surface Biocompatibilisation of Silicones for Medical Applications
Ms Nele DE SMET
(UGENT, Ghent, Belgium)

11:35 Novel Amphiphilic and Degradable Sugar-Based Block Copolymers via ROP of Functionalized Cyclic Carbonates
Mr Fabian SURIANO
(UMH, Mons, Belgium)

11:55 Unravelling the Structure of Polymers by Vibrational Raman Optical Activity Spectroscopy: a Joint Theoretical-Experimental Study on Polypropylene
Dr Vincent LIEGEOIS
(FUNDP, Namur, Belgium)

12:15 Lunch and Meeting Selection Committee of Presentation Awards

Session 4: Hybrid Material Systems

Chair:
Prof. Alain JONAS
(UCL, Louvain-la-Neuve, Belgium)

13:30 Nanocomposites as a New Class of Flame Retardants - From Research to Technical Products

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Dr Günter BEYER
(KABELWERK EUPEN AG, Eupen, Belgium)

13:50 Butyl Rubbers and their Applications

Mr Adrian RAWLINSON
(LANXESS RUBBER N.V., Zwijndrecht, Belgium)

14:10 Discotic liquid crystals as a new generation of organic semiconductors. From synthesis to application in organic electronics

14:30 Using Metallo-Supramolecular Associations to Control the Rheology of Copolymer Micelles

Dr Florian STADLER
(UCL, Louvain-la-Neuve, Belgium)

Special Award Session

Chair:

Prof. Hubert RAHIER
(VUB, Brussels, Belgium)

14:50 BPG-Best Final Work Awards 2006

15:10 BPG-Best Oral Presentation and Poster Awards

15:30

Dr Dirk BONTINCK (CYTEC SURFACE SPECIALTIES, Drogenbos, Belgium)
Prof. Dirk VANDERZANDE (UNIVERSITY OF HASSELT, Hasselt, Belgium)