

BPG 2011 - Annual Meeting of the Belgian Polymer Group

Programme

Thursday May 12, 2011

09:00 Registration and Welcome Coffee

10:00 Opening Remarks

Session 1

Session Chair

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

10:10 Polymers on Surfaces to Guide Epidermal Stem Cell Differentiation

Prof Wilhelm HUCK
(Radboud University & University of Cambridge, Nijmegen & Cambridge, United Kingdom)

11:00 OC01 - Surface Modified Polyesters via Rapid Prototyping for Tissue Engineering Applications

Ing Thomas BILLIET
(UGENT, Gent, Belgium)

11:20 OC02 - Catenane-based Mechanically Linked Polymers

Ms Anne VAN QUAETHEN
(UCL, Louvain-la-Neuve, Belgium)

11:40 OC03 - π -Conjugated Polymers with Functional Endgroups through Modified Nickel Initiators

Mr Alfons SMEETS
(KULeuven, Heverlee, Belgium)

Session Chair

Prof. Etienne SCHACHT
(Ghent University, Ghent, Belgium)

12:00 BPG Award 1 - Exploration of Novel Domino Reactions for the Synthesis of Advanced Polymeric Structures

Ms Fabienne GOETHALS
(UGENT, Gent, Belgium)

12:10 BPG Award 2 - Preparation of thermo-responsive hydrogels by stereocomplexation of polylactide

Mr Alexis BOBENRIETH
(SMPC UMONS, Mons, Belgium)

12:20 Sandwich Lunch

Session 2

Session Chair

Dr Dirk BONTINCK
(CYTEC Surface Specialties, Drogenbos, Belgium)

13:30 Nanotechnology with Stimulus Responsive Polymer Brushes

Prof. Julius VANCISO G.
(University of Twente, Enschede, The Netherlands)

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- 14:20** **OC04 - Synthesis of Polylactide via Non-organometallic Catalyst: How far Can We Go with Mass Spectrometry?**
Mr Julien DE WINTER
(UMONS, Mons, Belgium)
- 14:40** **OC05 - Quinoxaline Derivatives with Conjugated Side Chains: a Route Towards Polyquinoxalines for Organic Solar Cell Applications**
Ms Lidia MARIN
(UHASSELT, Leuven, Belgium)
- 15:00** **Coffee Break**
- Session 3**
- Session Chair**
Prof. Bruno VAN MELE
(VUB, Brussels, Belgium)
- 15:30** **OC06 - Preparation of Chitosan-based Nanofibers with Multilayered Structure**
Mrs Florence CROISIER
(ULG, Liège, Belgium)
- 15:50** **OC07 - Rheology of Nanocomposites**
Mr Christophe BLOCK
(VUB, Brussels, Belgium)
- 16:10** **OC08 - Synthesis of Bridged Oligo- and Polythiophenes to Increase the Dimensionality of Electric Charges Transport**
Mrs Maud JENART
(ULB, Brussels, Belgium)
- Poster Sessions**
- 16:30** **Poster Session 1 and Career Session**
- 17:15** **Poster Session 2 and Career Session**
- 18:00** **Free time and Council Meeting**
- 20:00** **Cocktail and Dinner with BPRI Award Ceremony**
- 22:00** **BPG Party**

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08:00 Breakfast

Session 4

Session Chair

Dr Christine JEROME
(ULG, Liège, Belgium)

09:15 Surface Modification of Polymers Using Atmospheric Plasma Technology: from Adhesion Improvement to Coating Deposition

Dr Dirk VANGENEUGDEN
(VITO, Mol, Belgium)

10:05 OC09 - Tetrazine-norbornene Ligation: Promising Additive-free Approach in Polymer Science

Mr Milan STAMENOVIC
(UGENT, Gent, Belgium)

10:25 OC10 - Nanofillers: to a New Generation of Aerospace Composites?

Mr David DUMONT
(UCL, Louvain-la-Neuve, Belgium)

10:45 Coffee Break

Session 5

Session Chair

Prof. Dr Filip DU PREZ
(GHENT UNIVERSITY, Ghent, Belgium)

11:15 OC11 - Templated-hybrid Nanotubes : Conception and Elaboration of New Candidates for Drug Delivery

Ing Cecile ROY
(UCL, Louvain-La-Neuve, Belgium)

11:35 OC12 - Functionalized Cyclopentadithiophene-based Low Bandgap Copolymers for Photovoltaic Applications

Ms Sarah VAN MIERLOO
(UHASSELT, Diepenbeek, Belgium)

11:55 OC13 - Identification and Characterization of a Substrate-induced Phase of a Discotic Liquid Crystal

Mr Nicolas DUMONT
(ULB, Brussels, Belgium)

12:15 Lunch

Session 6

Session Chair

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Dr Daniel MAETENS
(CYTEC SURFACE SPECIALTIES, Drogenbos, Belgium)

13:45 Block-copolymers and Nanoparticles at the Interface of Immiscible Polymer Blends: Effects on the Stability of the Blend Morphology

Prof. Paula MOLDENAERS
(KULEUVEN, Heverlee, Belgium)

14:35 OC14 - Versatile Bio-inspired Strategy for Imparting Robust Antibacterial Property to Stainless Steel

Mrs Emilie FAURE
(ULG, Liège, Belgium)

14:55 Coffee Break

Session 7

Session Chair

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

15:25 OC15 - Microscopic Morphology and Electrical Properties of the Active Polymer Layer in Organic Photovoltaic Cells

Dr Simon DESBIEF
(UMONS, Mons, Belgium)

15:45 OC16 - Carbon Nanotube Dispersions and Composites in PDMS Copolymers by Reverse Addition Fragmentation Transfer in Emulsion and Aqueous Dispersed Systems

Dr Gavin HILL
(VUB, Brussels, Belgium)

16:05 OC17 - Theoretical Insight into the NMR and UV/vis Absorption Spectra of Thiophene- and Oligothiophene-based Compounds

Dr Vincent LIEGEOIS
(FUNDP, Namur, Belgium)

16:25 Award Ceremony for Best Oral Communication and Poster Presentations

16:35 Closing Remarks