

Annual Meeting of the Belgian Polymer Group

Programme

Thursday May 16, 2013

09:00 **Registration and Welcome Coffee**

10:00 **Opening Remarks**

Session 1

Session Chairman:

Johan LOCCUFIER
(AGFA GEVAERT, Mortsel, Belgium)

10:10 **L01 - Making Polymers Swim**

Tony RYAN
(UNIVERSITY OF SHEFFIELD, Sheffield, United Kingdom)

11:00 **OC01 – Responsive Hyperbranched Polymers: Synthesis and their Use as Glycopolymers**

Sofie WALLYN
(UGENT, Ghent, Belgium)

11:20 **OC02 – Thermoreversibly Cross-linked Poly-ε-caprolactones for Shape Memory Materials**

Thomas DEFIZE
(CERM - ULG, Liege, Belgium)

11:40 **BPG Award 1 Flanders**

11:55 **BPG Award 1 Wallonia**

12:10 **Sandwich Lunch, Exhibition and BPG Council Meeting**

Session 2

Session Chairman:

Filip DU PREZ
(GHENT UNIVERSITY, Ghent, Belgium)

14:00 **OC03 – Investigating the Structure of Collagen with Nonlinear Optics and Quantum Chemistry**

Marc DE WERGIFOSSE
(FUNDP, NAMUR, Belgium)

14:20 **OC04 – Tuning the Optical and Mechanical Properties of an Acrylic-based Copolymer by the Incorporation of Cellulose Nanocrystals**

Farid KHELIFA
(UMONS, Mons, Belgium)

14:40 **OC05 - PMMA Based Implant Materials as a Versatile Technology Platform for Biomedical Applications**

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Elke VAN DE WALLE
(UGENT, Gent, Belgium)

15:00 OC06 – Synthesis of Self-doped Ionic Block Copolymers for High-performance Battery Electrolytes

Julien ROLLAND
(UCL, Louvain-la-Neuve, Belgium)

15:20 OC07 – Poly(3-alkylthiophene) with Tuneable Regioregularity: Synthesis and Self-assembling Properties

Pieter WILLOT
(KULEUVEN, Heverlee, Belgium)

15:40 OC08 – Characterization of the Supramolecular Order of DPP Oligomers in Thin Films by X-ray Diffraction Techniques

Pierre FASTRÉS
(ULB, Bruxelles, Belgium)

16:00 Coffee Break and Exhibition

Poster Session

16:30 Poster Session 1 (Odd Numbers), Exhibition and Career Event

17:30 Poster Session 2 (Even Numbers), Exhibition and Career Event

18:30 Free time

19:30 Cocktail and Dinner

22:00 BPG Party

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08:00 Breakfast

Session 3

Session Chairman:

Jean-François GOHY
(UCLOUVAIN, Louvain-la-Neuve, Belgium)

09:15 L02 - Polymerization-Induced Self-Assembly via Aqueous Emulsion Polymerization

Bernadette CHARLEUX
(UNIVERSITY CLAUDE BERNARD LYON 1, Villeurbanne, France)

10:05 OC09 – Supramolecular Chemistry in action: Polymeric temperature Sensors with Memory Function

Victor RETAMERO DE LA ROSA
(UNIVERSITY OF GHENT, Ghent, Belgium)

10:25 OC10 – Metallo-Supramolecular Micellar Gels: A Structural Study

Arnaud JOSET
(ULG, Liège, Belgium)

10:45 Coffee Break and Exhibition

Session 4

Session Chairman:

Benoît CHAMPAGNE
(UNAMUR, Namur, Belgium)

11:15 OC11 – Electrical and Structural Properties of Nanoimprinted Ferroelectric Polymer Arrays for Non-Volatile Memory Applications

Hailu Gebru KASSA
(UCL, Louvain-la-Neuve, Belgium)

11:35 OC12 – Imidazolium-substituted Polythiophenes as Efficient Electron Transport Materials Improving Photovoltaic Performance

Jurgen KESTERS
(UHASSELT, Diepenbeek, Belgium)

11:55 OC13 – On the Driving Force for Charge Separation at Organic Heterojunctions in Polymer Photovoltaics

Sébastien MOTHY
(UMONS, Mons, Belgium)

12:15 OC14 – Physical-chemical Characterization of Atmospheric Plasma Polymerized Coatings

Gill SCHELTJENS
(VUB, Brussels, Belgium)

12:35 Lunch

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Session 5

Session Chairman:

Dirk VANDERZANDE
(UNIVERSITY OF HASSELT, Hasselt, Belgium)

- 14:00 L03 - What Future for Polymers Produced from Commodity Monomers in Europe – R&D to Differentiate ?**
Philippe LODEFIER
(TOTAL REFINING & CHEMICALS, Saint Avold, Belgium)
- 14:50 OC15 - UV-Induced Surface Modification of Polymer Nanoparticles**
Linny BAETEN
(UHASSELT IMO OBPC-PRD, Diepenbeek, Belgium)
- 15:15 Award Ceremony for Best Oral Communications and Poster Presentations**
- 15:30 Closing Remarks**