

# 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**