

# BPG 2012 - Annual Meeting of the Belgian Polymer Group

## Programme

### Thursday May 10, 2012

**09:00**      **Registration and Welcome Coffee**

**10:00**      **Opening Remarks**

#### Session 1

##### Session Chairman

Dirk VANDERZANDE  
(UNIVERSITY OF HASSELT, Hasselt, Belgium)

**10:10**      **L01 - The ECO+ Value of Engineering Plastics**

Frédéric PETIT  
(DSM, Sittard, The Netherlands)

**11:00**      **OC01 - Alkyl-substituted Oligothiophenes: Self-assembly and Electronic Properties Probed by STM, STS and KPFM**

Nasima AFSHAR IMANI  
(UCL - IMCN/BSMA, Louvain-la-Neuve, Belgium)

**11:20**      **OC02 - Charge Transport and Separation in Conjugated Polymers**

Dorota NIEDZIALEK  
(UMONS, Mons, Belgium)

**11:40**      **BPG Award 1 Wallonia**

**11:55**      **BPG Award 2 Flanders**

**12:10**      **Sandwich Lunch and Council Meeting**

#### Session 2

##### Session Chairman

Dirk BONTINCK  
(CYTEC SURFACE SPECIALTIES, Drogenbos, Belgium)

**14:00**      **OC03 - Thermoresponsive Polymers Based on Poly(Meth)acrylate Scaffolds**

Qilu ZHANG  
(GHENT UNIVERSITY, Ghent, Belgium)

**14:20**      **OC04 - Development of Novel Photocleavable Block Copolymers for The Design of Multi-responsive Micellar Systems**

Olivier BERTRAND  
(UCL, Louvain-la-Neuve, Belgium)

**14:40**      **OC05 - Development of Optimized Autonomous Self-healing Systems for Epoxy Materials**

Xander HILLEWAERE  
(UGENT, Ghent, Belgium)

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**15:00 OC06 - Stimuli-responsive Magnetic Nanohybrids Designed for Controlled Drug Release Application**

Ji LIU  
(ULG, Liege, Belgium)

**15:20 OC07 - Halloysite as a New Potential Flame Retardant Additive for Polymeric Materials**

Benoit LECOUVET  
(UCL, Louvain-La-Neuve, Belgium)

**15:40 Coffee Break and Exhibition**

### Session 3

#### Session Chairman

Filip DU PREZ  
(GHENT UNIVERSITY, Ghent, Belgium)

**16:10 OC08 - Design of Sugar-based Surface Active Agents for Emulsion Polymerization in Supercritical Carbon Dioxide**

Cédric BOYERE  
(CERM, LIEGE, Belgium)

**16:30 BPRI Award: Winner of Best PhD Thesis**

**16:50 Winner of Biannual BPG Award:  
"L02 - Spatial and Temporal Control over Polymerization and Polymer Ligation Processes"**

Christopher BARNER-KOWOLLIK  
(KARLSRUHE INSTITUTE OF TECHNOLOGY, Brisbane, Australia)

### Poster Sessions

**17:40 Poster Session 1 (Odd Numbers), Exhibition and Career Event**

**18:25 Poster Session 2 (Even Numbers), Exhibition and Career Event**

**19:10 Free Time**

**20:00 Cocktail and Dinner**

**22:00 BPG Party**

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### Friday May 11, 2012

**08:00 Breakfast**

#### Session 4

##### Session Chairman

Bruno VAN MELE  
(VUB, Brussels, Belgium)

**09:15 L03 - Polymer Electrolyte Membrane Fuel Cells: An Introduction**

Claudio OLDANI  
(SOLVAY SPECIALITY POLYMERS ITALY, Bollate (MI), Italy)

**10:05 OC09 - Controlling the Crystallinity Development During the Thermal Annealing of Polymer: Fullerene Solar Cell Blends**

Fatma DEMIR  
(VUB, Brussels, Belgium)

**10:25 OC10 - Wheat Gluten Based Polymer Materials**

Koen JANSENS  
(KU LEUVEN, Heverlee, Belgium)

**10:45 Coffee Break and Exhibition**

#### Session 5

##### Session Chairman

Benoît CHAMPAGNE  
(FUNDP, Namur, Belgium)

**11:15 OC11 - Synthesis and Characterization of Regioregular Side-chain Functionalized Polythiophene-based Copolymers via the Rieke Method**

Suleyman KUDRET  
(UHASSELT, Hasselt, Belgium)

**11:35 OC12 - A Universal Protocol for the Controlled Synthesis of Conjugated Polymers: Towards All-Conjugated Block-copolymers**

Michiel VERSWYVEL  
(KULEUVEN, Leuven, Belgium)

**11:55 OC13 - Controlled PPV via Anionic Polymerization**

Inge COSEMANS  
(UHASSELT, Diepenbeek, Belgium)

**12:15 Lunch and Exhibition**

#### Session 6

##### Session Chairman

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Bart GODERIS  
(KU LEUVEN, Heverlee, Belgium)

**13:45 L04 - Assessing New Chemicals and Polymers – from Lab to Factory**

Martin PATEL  
(UTRECHT UNIVERSITY, Utrecht, The Netherlands)

**14:35 OC 14 - End-capped Pluronics as Building Blocks for 3D Tissue Engineering Scaffolds**

Jorg SCHELFHOUT  
(UGENT, Ghent, Belgium)

**14:55 Coffee Break and Exhibition**

### Session 7

#### Session Chairman

Bernard NYSTEN  
(UCL - IMCN/BSMA, Louvain-la-Neuve, Belgium)

**15:25 OC15 - Polycationic Polycarbonates – Synthesis and Applications**

Michal KAWALEC  
(UMONS, Mons, Belgium)

**15:45 OC16 - New Insights into the Solvent and Dopant Effect on the Structure and Properties of Polyaniline**

Julia ROMANOVA  
(FUNDP, Namur, Belgium)

**16:05 OC17 - Thiolactone Chemistry : a Powerful Approach in the Metal-free Conjugation Toolbox**

Pieter ESPEEL  
(GHENT UNIVERSITY, Ghent, Belgium)

**16:25 Award Ceremony for Best Oral Communication and Poster Presentation**

**16:35 Closing Remarks**