

# BPG 2012 - Annual Meeting of the Belgian Polymer Group

## Programme

**Thursday May 10, 2012**

**Registration and Welcome Coffee**

**Opening Remarks**

**Session 1**

**Session Chairman**

Dirk VANDERZANDE  
(UNIVERSITY OF HASSELT, Hasselt, Belgium)

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

Frédéric PETIT  
(DSM, Sittard, The Netherlands)

**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)

**OC02 - Charge Transport and Separation in Conjugated Polymers**

Dorota NIEDZIALEK  
(UMONS, Mons, Belgium)

**BPG Award 1 Wallonia**

**BPG Award 2 Flanders**

**Sandwich Lunch and Council Meeting**

**Session 2**

**Session Chairman**

Dirk BONTINCK  
(CYTEC SURFACE SPECIALTIES, Drogenbos, Belgium)

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

Qilu ZHANG  
(GHENT UNIVERSITY, Ghent, Belgium)

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

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

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

Xander HILLEWAERE  
(UGENT, Ghent, Belgium)

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### **OC06 - Stimuli-responsive Magnetic Nanohybrids Designed for Controlled Drug Release Application**

Ji LIU  
(ULG, Liege, Belgium)

### **OC07 - Halloysite as a New Potential Flame Retardant Additive for Polymeric Materials**

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

### **Coffee Break and Exhibition**

### **Session 3**

#### **Session Chairman**

Filip DU PREZ  
(GHENT UNIVERSITY, Ghent, Belgium)

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

Cédric BOYERE  
(CERM, LIEGE, Belgium)

### **BPRI Award: Winner of Best PhD Thesis**

#### **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**

#### **Poster Session 1 (Odd Numbers), Exhibition and Career Event**

#### **Poster Session 2 (Even Numbers), Exhibition and Career Event**

### **Free Time**

### **Cocktail and Dinner**

### **BPG Party**

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**Friday May 11, 2012**

**Breakfast**

**Session 4**

**Session Chairman**

Bruno VAN MELE  
(VUB, Brussels, Belgium)

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

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

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

Fatma DEMIR  
(VUB, Brussels, Belgium)

**OC10 - Wheat Gluten Based Polymer Materials**

Koen JANSENS  
(KU LEUVEN, Heverlee, Belgium)

**Coffee Break and Exhibition**

**Session 5**

**Session Chairman**

Benoît CHAMPAGNE  
(FUNDP, Namur, Belgium)

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

Suleyman KUDRET  
(UHASSELT, Hasselt, Belgium)

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

Michiel VERSWYVEL  
(KULEUVEN, Leuven, Belgium)

**OC13 - Controlled PPV via Anionic Polymerization**

Inge COSEMANS  
(UHASSELT, Diepenbeek, Belgium)

**Lunch and Exhibition**

**Session 6**

**Session Chairman**

## Programme

Bart GODERIS  
(KU LEUVEN, Heverlee, Belgium)

### **L04 - Assessing New Chemicals and Polymers – from Lab to Factory**

Martin PATEL  
(UTRECHT UNIVERSITY, Utrecht, The Netherlands)

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

Jorg SCHELFHOUT  
(UGENT, Ghent, Belgium)

### **Coffee Break and Exhibition**

### **Session 7**

#### **Session Chairman**

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

### **OC15 - Polycationic Polycarbonates – Synthesis and Applications**

Michal KAWALEC  
(UMONS, Mons, Belgium)

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

Julia ROMANOVA  
(FUNDP, Namur, Belgium)

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

Pieter ESPEEL  
(GHENT UNIVERSITY, Ghent, Belgium)

### **Award Ceremony for Best Oral Communication and Poster Presentation**

### **Closing Remarks**