

2014 BPG Annual Meeting UGent

Programme

Monday May 19, 2014

09:00 **Registration and Welcome coffee**

09:50 **Opening Remarks**

Session 1

Session Chair:

Dr Dirk BONTINCK
(ALLNEX BELGIUM, Drogenbos, Belgium)

10:00 **IL01 - Glycopolymers and Glyconanoparticles**

Prof. Neil CAMERON
(UNIVERSITY OF DURHAM, Durham, United Kingdom)

10:40 **OC01 - Ambient Temperature Catalyst-free Light-induced Preparation of Macrocyclic Aliphatic Polyesters**

Mr Thomas JOSSE
(UMONS, Mons, Belgium)

11:00 **OC02 - Synthesis and Characterization of Low Bandgap Copolymers for Organic Photovoltaics**

Mr Pieter VERSTAPPEN
(UHASSELT, Diepenbeek, Belgium)

11:20 **OC03 - MacroRAFT Agents from Renewable Resources and their Use as Polymeric Scaffolds in a Grafting from Approach**

Ms Sanne DE SMET
(GHENT UNIVERSITY, Ghent, Belgium)

11:40 **OC04 - Atomic Force Microscopy (AFM) for Mechanical Mapping of Polymers and Nanocomposites: Challenges and Opportunities**

Mr Amir BAHRAMI
(UCL, Louvain-La-Neuve, Belgium)

12:00 **Sandwich lunch, Exhibition and BPG general assembly**

Session 2

Session Chair:

Prof. Sophie DEMOUSTIER-CHAMPAGNE
(UCLOUVAIN, Louvain-la-Neuve, Belgium)

13:20 **OC05 - Synthesis of End-group Functionalized Conjugated Polymers: a Novel Pathway to Hybrid Materials**

Mr Frederic MONNAIE
(KU LEUVEN, Heverlee, Belgium)

13:40 **OC06 - Use of Supercritical Carbon Dioxide to Prepare Drug-loaded Polymer Implants**

Ms Mathilde CHAMPEAU
(ULG, Liege, Belgium)

14:00 **OC07 - Ultrafast Thermal Analysis of Thin Polymer: Fullerene Active Layers for Organic Photovoltaics**

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Prof. Niko VAN DEN BRANDE
(VUB, Brussels, Belgium)

Session Chair:

Prof. Etienne SCHACHT
(GHENT UNIVERSITY, Ghent, Belgium)

14:20 BPG Award 1 French-speaking community

14:40 BPG Award 2 Dutch-speaking community

15:00 Coffee break and exhibition

Session 3

Session Chair:

Prof. Roberto LAZZARONI
(UMONS, Mons, Belgium)

15:40 History and Importance of the BPG

Prof. Eric GOETHALS
(GHENT UNIVERSITY, Ghent, Belgium)

**16:00 Biennial BPG Award lecture
IL02 - From Supramolecular Polymers to Functional Systems**

Prof. Bert MEIJER
(EINDHOVEN UNIVERSITY OF TECHNOLOGY, Eindhoven, The Netherlands)

Poster Sessions

17:15 Poster Session 1 (odd numbers) and Exhibition

18:15 Poster Session 2 (even numbers) and Exhibition

19:15 Free time

20:00 Cocktail and Dinner

22:00 BPG Party

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Tuesday May 20, 2014

Session 4

Session Chair:

Prof. Sandra VAN VLIERBERGHE
(GHENT UNIVERSITY, Ghent, Belgium)

09:20 IL03 - UV-Nanoparticles: Photopolymerized Polymer Colloids From Aqueous Dispersions of Acrylated Oligomers

Dr Patrice ROOSE
(ALLNEX, Drogenbos, Belgium)

10:00 OC08 - Synthesis and Characterization of a Supramolecular Thermoplastic Elastomer

Ms Lenny VOORHAAR
(GHENT UNIVERSITY, Ghent, Belgium)

10:20 OC09 - Structure-morphology Relationship of Polyphosphate-based Polymer Micelles

Mrs Stephanie VANSLAMBROUCK
(ULG - CERM, Liege, Belgium)

10:40 Coffee Break and exhibition

Session 5

Session Chair:

Dr Pieter ESPEEL
(GHENT UNIVERSITY, Ghent, Belgium)

11:10 OC10 - Conjugated Polymer Nanoparticles Synthesized via Miniemulsion Technique

Ms Lien D'OLIESLAEGER
(UHASSELT, Diepenbeek, Belgium)

11:30 OC11 - Brushes of Self-assembled Macromolecular Nanotubes for Responsive Bio-catalysis

Ms Diana RAMIREZ
(UCL, Louvain-la-Neuve, Belgium)

11:50 OC12 - 3D-printed Hydrogel Scaffolds as Novel Tool Towards Liver Tissue Engineering

Ms Mieke VANDENHAUTE
(GHENT UNIVERSITY - PBM GROUP, Ghent, Belgium)

12:10 OC13 - A Cold Plasma Torch Treatment Dedicated to the Control of the Polytetrafluoroethylene Texturization

Ms Julie HUBERT
(ULB, Brussels, Belgium)

12:30 Lunch

Session 6

Session Chair:

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Prof. Tanja JUNKERS
(HASSELT UNIVERSITY, Monash, Australia)

14:00 OC14 - Hybridized Redox Balanced Electrodes for Lithium Batteries

Dr Alexandru VLAD
(UCL, Louvain-la-Neuve, Belgium)

14:20 OC15 - DNA/cationic Polythiophene Biosensors: Insights into the Self-assembly

Dr Jenifer RUBIO MAGNIETO
(UMONS, Mons, Belgium)

14:40 IL04 - Extrinsic and Intrinsic Healing Approaches for Coatings

Dr Santiago J. GARCIA
(DELFT UNIVERSITY OF TECHNOLOGY, Delft, The Netherlands)

15:20 Award Ceremony for Best Oral Communication and Poster Presentation

15:30 Closing remarks