

BPG Annual Meeting 2016

Programme

Monday May 23, 2016

09:00 **Registration and Welcome coffee**

09:50 **Opening remarks**

Session 1

Session Chair

Dr Dirk BONTINCK
(ALLNEX BELGIUM, Drogenbos, Belgium)

10:00 **Functionalization of Textile and Composite Materials by Advanced Additives**

Dr Roberto TEIXEIRA
(DEVAN CHEMICALS, Ronse, Belgium)

10:40 **OC01 - Copolymerization of Conjugated Polymers: Adding a New Asset to their Controlled Synthesis**

Ms Tine HARDEMAN
(KULEUVEN, Heverlee, Belgium)

11:00 **OC02 - Polymers Bearing Pendant Catechol for Organic Electrode-Active Materials in Lithium-Ion Batteries**

Mr Nagaraj PATIL
(ULG, liege, Belgium)

11:20 **OC03 - Remoldable Polymer Networks Using Anthracene Derivatives**

Mr Jonas VAN DAMME
(GHENT UNIVERSITY, Gent, Belgium)

11:40 **Sandwich lunch, exhibition and BPG general assembly**

Session 2

Session Chair

Prof. Bart GODERIS
(KU LEUVEN, Heverlee, Belgium)

13:00 **OC04 - Continuous Flow Low Bandgap Polymer Synthesis Towards Reproducible Large-Scale Production for Efficient Bulk Heterojunction Organic Solar Cells**

Ing Geert PIROTTE
(UHASSELT, Diepenbeek, Belgium)

13:20 **OC05 - Ultrafast Gelation of Injectable Reactive Microgels: The Power of Tandem Click Chemistry**

Mr Rémi ABSIL
(UMONS, Mons, Belgium)

13:40 **Master award French speaking community**

13:55 **Master award Dutch speaking community**

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14:10 **Coffee break and exhibition**

Session 3

Session Chair

Dr Johan LOCCUFIER
(AGFA GEVAERT NV, Mortsel, Belgium)

15:00 **OC06 - Precision Design of Highly Fluorescent Poly(Phenylene Vinylene) Block Copolymers from Batch and Microflow Synthesis**

Ms Neomy ZAQUEN
(UHASSELT, Diepenbeek, Belgium)

15:20 **OC07 - Development of Block Copolymer Based Multifunctional Nano-Assemblies for a Theranostic Approach**

Ms Ibrahimova VUSALA
(UNIVERSITE CATHOLIQUE DE LOUVAIN, Louvain-La-Neuve, Belgium)

15:40 **Biannual BPG Award Lecture - Accurate Control of Polymer Structure and Function**

Prof. Craig HAWKER
(UNIVERSITY OF CALIFORNIA, Santa Barbara, United States)

17:00 **Poster session A (odd numbers) and exhibition**

18:00 **Poster session B (even numbers) and exhibition**

19:00 **Free time**

20:00 **Conference dinner and BPG party**

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Tuesday May 24, 2016

Session 4

Session Chair

Prof. Wouter MAES
(UHASSELT, Diepenbeek, Belgium)

- 09:30 Degradable Peg-Based Materials By Nitroxide-Mediated Radical Ring-Opening Copolymerization**
Dr Julien NICOLAS
(UNIVERSITE PARIS-SUD, Châtenay-Malabry, France)
- 10:10 OC08 - Morphological Aspects of Polyamide 12 in the Context of Selective Laser Sintering (3D Printing)**
Mr Olivier VERKINDEREN
(KU LEUVEN, Heverlee, Belgium)
- 10:30 OC09 - Nanoscale Studies of the Electrical Properties in Hybrid Polymer/Inorganic Photovoltaic Blends**
Mrs Laurie LETERTRE
(UMONS, Mons, Belgium)
- 10:50 Coffee break**

Session 5

Session Chair

Dr Philippe LECOMTE (UNIVERSITY OF LIÈGE, Liège, Belgium)

- 11:20 OC10 - Nanovascular Networks for Self-Healing Polymers**
Mrs Ana TORRE MURUZABAL
(VUB, Brussel, Belgium)
- 11:40 OC11 - Plunging Linear PEI in Supercritical CO₂: A Fluorescent Bio-Material**
Mr Maarten MEES
(UGENT, Gent, Belgium)
- 12:00 OC12 - Catalytic Transformation of CO₂: From Monomers to Polymers**
Mrs Margot ALVES
(ULG - CERM, Liège, Belgium)
- 12:20 OC13 - In Silico Based Design of Nitroxide Mediated Polymerization: From Homopolymers to Sequence Controlled Polymers**
Mr Stijn FIERENS
(UNIVERSITY GHENT, Zwijnaarde (Gent), Belgium)
- 12:40 Lunch**

Session 6

Session Chair

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

- 14:00** **OC14 - New Perspectives Towards Hydrogel Processing Using Highly Efficient Solid State Crosslinking**
Ms Annemie HOUBEN
(GHENT UNIVERSITY, Gent, Belgium)
- 14:20** **OC15 - The Mechanical and Physicochemical Properties of EPDM Polymer After Thermal and Radiochemical Aging**
Mrs Tamara DIKANOVIC
(UCL - SCK·CEN, Mol, Belgium)
- 14:40** **OC16 - Polymer Bearing TEMPO Radicals: Synthesis and Redox Controlled Stimuli-Responsive Behavior**
Dr Olivier BERTRAND
(UCL, Louvain-la-Neuve, Belgium)
- 15:00** **Harnessing Self-Assembly Strategies for the Design of Conjugated Polymer-Based Materials**
Dr Rachel EVANS
(TRINITY COLLEGE DUBLIN, Dublin, Ireland)
- 15:40** **Award ceremony**
- 16:00** **Closing remarks**