

BPG 2009 - Annual Meeting of the Belgian Polymer Group

Programme

Thursday May 14, 2009

- 08:30** **Registration**
- 09:15** **Opening remarks**
- 09:30** **Active Soft Matter by the Convergence of Polymers with Nanoparticles**
Prof. Annette SCHMIDT
(HEINRICH-HEINE UNIVERSITY OF DÜSSELDORF, Düsseldorf, Germany)
- 10:20** **Synthesis of a Photocrosslinkable Poly(3-alkylthiophene) and Application in Plastic Solar Cells with Thermally Stable Bulk Heterojunction Morphology**
Mr Bert CAMPO
(UHASSELT, Gent, Belgium)
- 10:40** **Coffee break**
- 11:00** **Modeling of the Supramolecular Organisation in Semiconducting Polymer Thin Films**
Mr Patrick BROCORENS
(UMONS, MONS, Belgium)
- 11:20** **Multiple Strategies for the Synthesis of Photocleavable Block Copolymers**
Mr Jean-Marc SCHUMERS
(UCL, Louvain-la-Neuve, Belgium)
- 11:40** **Feeling the Force of a Synthetic Molecular Shuttle**
Ms Perrine LUSSIS
(ULG, Liège, Belgium)
- 12:00** **Lunch**
- 13:30** **Chirally Organized Oligo(thiophene)s: Toward Modelling the Interchain Interactions within p-Conjugated Systems**
Mr David CORNELIS
(KULEUVEN, Heverlee, Belgium)
- 13:50** **'Electrochemically Template-grown Multisegmented Gold-conducting Polymer Nanowires with Tunable Electronic Behaviour**
Mr Vincent CALLEGARI
(UCL, LOUVAIN-LA-NEUVE, Belgium)
- 14:10** **Poster session 1 (even number)**
- 15:20** **Coffee break**
- 15:40** **Poster Session 2 (odd number)**
- 16:50** **Phase Separation in Polymer Blend Thin Films**

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Dr Nicolaas-Alexander GOTZEN
(ROBERT BOSCH PRODUKTIE N.V., BRUSSELS, Belgium)

17:10 Addressing the Challenges of Bonding the Next Generation of Aeroplanes: Control of the Interfacial Morphology

Mr Alex BAIDAK
(CYTEC, Drogenbos, Belgium)

17:45 Council meeting

19:00 Dinner

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Friday May 15, 2009

- 08:30** **Breakfast**
- 09:00** **Synthesis of Well-Defined Polymeric Activated Esters: An Old Game Revisited?**
Prof. Patrick THEATO
(JOHANNES GUTENBERG UNIVERSITY OF MAINZ, Hamburg, Germany)
- 09:50** **Step-Growth Polymerizations & Click Chemistry: A Revival of the Oldest Polymers**
Mrs Leen BILLIET
(UNIVERSITY GHENT, Gent, Belgium)
- 10:10** **Poly(lactide)/pseudowollastonite Composites: A New Way for Bone Guided Regeneration**
Ms Deborah BARONE
(UMONS, MONS, Belgium)
- 10:30** **Coffee break**
- 10:50** **Modification of Biobased Polyesters for Compatibilization of Biocomposites**
Mr Eric KHOUSAKOUN
(NATISS, MONS, Belgium)
- 11:10** **Biodegradable Poly-alpha-amino acids as Non-viral Gene Delivery Systems**
Mr Vincent VERMEERSCH
(UGENT, Gent, Belgium)
- 11:30** **Novel Stealthy Gd(III)-DOTA/polymer Conjugates for Magnetic Resonance Imaging (MRI)**
Mr Mathurin GROGNA
(UNIVERSITY OF LIÈGE, Liège, Belgium)
- 12:00** **Lunch**
- 13:30** **Presentation of the Company**
BELGIAN PLASTICS & RUBBER INSTITUTE
- 13:50** **Selective Localization of MWNT's in Immiscible Blends of Polyamide and Functionalized Polyethylene**
Ing Anne-Christine BAUDOUIN (UCL-IMCN-BSMA (EX-POLY), Louvain-la-Neuve, Belgium)
- 14:10** **Surface-initiated ATRP of PMMA, PS and Diblock PS-b-PMMA Copolymers from Stainless Steel Modified by 11-(2-bromoisobutyrate)-undecyl-1-phosphonic acid**
Mrs Isabelle MINET
(FUNDP, Namur, Belgium)
- 14:30** **Coffee break**
- 14:50** **Nitroxide Mediated Polymerization: From Alkoxyamines to Applications in Material Science**
Prof. Didier GIGMES
(UNIVERSITÉ DE MARSEILLE, Marseille, France)
- 15:40** **Awards and closing remarks**