

### Monday May 27, 2019

09:00 Registration and Welcome Coffee

09:50 Opening Remarks

#### Session 1

##### Session Chair

Prof. Jean-François GOHY  
(UCLOUVAIN, Louvain-la-Neuve, Belgium)

10:00 **IL01 - Polyamides Based on Cyclic Acetal Monomers from Renewable Resources: from Synthesis to Properties**

Prof. Katrien BERNAERTS  
(MAASTRICHT UNIVERSITY, Geleen, The Netherlands)

10:40 **OC01 - How Side Reactions Can Influence Poly(2-oxazoline) Synthesis for Polymer Therapeutics and Hydrogels**

Mr Francisco ARRAEZ  
(UGENT, Ghent, Belgium)

11:00 **OC02 - Water-Driven Self-Healing and Remendable Polymer Network from Iminoboronate-based Boroxine Chemistry**

Mr Sebastien DELPIERRE  
(UMONS, Mons, Belgium)

11:20 **OC03 - Development of Polymers with Enhanced Microporosity for Solvent-Resistant Nanofiltration**

Ms Marloes THIJS  
(KU LEUVEN, Leuven, Belgium)

11:40 **OC04 - Texturization of Polyolefin Surfaces via Solvent Exposure Leading to Superhydrophobicity**

Mr Guillaume ESPY  
(UNIVERSITY OF LYON, Villeurbanne, France)

12:00 Sandwich Lunch and Exhibition

#### Session 2

##### Session Chair

Prof. Dr Filip DU PREZ  
(UGENT, Ghent, Belgium)

13:30 **IL02 - Formulation and Rheology of Highly Filled Polymers**

Prof. Philippe CASSAGNAU  
(UNIVERSITY OF LYON, Villeurbanne, France)

14:10 **OC05 - Acrylate-Endcapped Urethane-Based Polymers for Chronic Rhinosinusitis Treatment: Development of a Stent**

Ing Jan-Philip ZEGWAART  
(UGENT, Ghent, Belgium)

## Programme

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**14:30 Master Award French Speaking Community**

**14:45 Master Award Dutch Speaking Community**

**15:00 Coffee Break and Exhibition**

### Session 3

#### Session Chair

Prof. Christine JEROME  
(ULIÈGE, Liege, Belgium)

**15:45 OC07 - Kinetics and Network Formation in Polyurethanes**

Mr Robrecht VERHELLE  
(VUB, Brussel, Belgium)

**16:05 OC08 - Nanocomposites from Renewable Polybenzoxazines with Improved Toughness and Thermo-Mechanical Properties**

Mr Jérémy HORION  
(UCLOUVAIN, Louvain-la-Neuve, Belgium)

**16:25 IL03 - High-performance Polymers: Function Follows Form**

Prof. Theo DINGEMANS  
(UNC CHAPEL HILL, Chapel Hill, 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**

**22:00 BPG Party**

**Tuesday May 28, 2019**

**09:00 Registration Desks Open**

**Session 4**

**Session Chair**

Prof. Jean-Marie RAQUEZ  
(UMONS, Mons, Belgium)

**09:30 IL04 - Polyolefin Development in Industrial Environment**

Dr Alexandre WELLE  
(TOTAL, Seneffe, Belgium)

**10:10 OC09 - Macromolecular Coupling Using Triazolinediones: Permanent or Dynamic Linking**

Mr Stef VANDEWALLE  
(UGENT, Ghent, Belgium)

**10:30 OC10 - Developing Efficient Flocculants for Micro-Algae Flocculation**

Mr Jonas BLOCKX  
(KU LEUVEN, Kortrijk, Belgium)

**10:50 Coffee Break & Exhibition**

**Session 5**

**Session Chair**

Prof. Louis PITET  
(UHASSELT, Diepenbeek, Belgium)

**11:20 OC11 - Following the Evolution of Carbon Nanotubes Network under Strain in Polymer Nanocomposites Using Simultaneous Dielectric and Rheological Measurements**

Mr Anatole COLLET  
(UNIVERSITY OF LYON, Villeurbanne, France)

**11:40 OC12 - Fabrication of Smart Colorimetric Hard and Soft Materials by Plasma Dye Coating**

Ms Lieselot DE SMET  
(UGENT, Ghent, Belgium)

**12:00 OC13 - Controlling Ring Mobility in Slide-Ring Gels**

Mr Atul Kumar SHARMA  
(UCLOUVAIN, Louvain-la-Neuve, Belgium)

**12:20 OC14 - Near-Infrared Organic Photodetectors: from Molecules to Imager**

Mr Frederik VERSTRAETEN  
(UHASSELT, Diepenbeek, Belgium)

**12:40 Lunch buffet**

**Session 6**

### **Session Chair**

Dr Olivier LHOST  
(TOTAL RESEARCH AND TECHNOLOGY FELUY, Seneffe, Belgium)

**14:00 IL05 - Chain Shuttling Polymerization, a Powerful Tool for the Design of Multiblock (Co-)Polymers**

Prof. Philippe ZINCK  
(UNIVERSITY OF LILLE, Villeneuve d'Ascq cedex, France)

**14:40 OC15 - Synthesis of Waterborne Non-Isocyanate Polyhydroxyurethane Hydrogel**

Mr Maxime BOURGUIGNON  
(ULIÈGE, Liège, Belgium)

**15:00 OC16 - Dual Temperature Response in Fluorinated Vitrimers**

Dr Marc GUERRE  
(UGENT, Ghent, Belgium)

**15:20 OC17 - Synthesis and Characterisation of Redox-responsive Hydrogels Based on Stable Nitroxide Radicals**

Ms Miriam KHODEIR  
(UCLOUVAIN, Louvain-la-Neuve, Belgium)

**15:40 Award Ceremony**

**16:00 Closing Remarks**