

## PROGRAMME

### Sunday May 21, 2017

15:00 Registration

18:00 Welcome reception

### Monday May 22, 2017

08:00 Registration

#### Auditorium Quatelet

08:50 Introduction

Filip DU PREZ (GHENT UNIVERSITY, Ghent, Belgium)

Yusuf YAGCI (ISTANBUL TECHNICAL UNIVERSITY, Istanbul, Turkey)

#### Session Chair

Krzysztof MATYJASZEWSKI (CARNEGIE MELLON UNIVERSITY, Pittsburgh, United States)

09:10 PLO1 - Advanced Functional Polymers by Precision Polymerizations: A Perspective

Mitsuo SAWAMOTO (CHUBU UNIVERSITY, Kasugai, Aichi, Japan)

10:00 Break

#### Auditorium Devreker

##### Session Chair

Martina STENZEL (UNSW, Sydney, Australia)

#### Auditorium Vlerick

##### Session Chair

Richard HOOGENBOOM (GHENT UNIVERSITY, Ghent, Belgium)

#### Auditorium Picard

##### Session Chair

Remzi BECER (QUEEN MARY UNIVERSITY OF LONDON, London, United Kingdom)

#### Auditorium Van Vaerenbergh

##### Session Chair

Brigitte VOIT (LEIBNIZ INSTITUT DRESDEN, Dresden, Germany)

10:10 IL01 - New ATRP Procedures for Macromolecular Engineering

Krzysztof MATYJASZEWSKI (CARNEGIE MELLON UNIVERSITY, Pittsburgh, United States)

IL02 - Hydrogels as Synthetic ECM Analogs through Bio-Click Reactions

Kristi ANSETH (UNIVERSITY OF COLORADO BOULDER, Boulder, United States)

IL03 - Polymerisation-induced Self-assembly

Steve ARMES (UNIVERSITY OF SHEFFIELD, Sheffield, United Kingdom)

IL04 - Renewable Polymers a Supercritical Approach

Steven HOWDLE (UNIVERSITY OF NOTTINGHAM, Nottingham, United Kingdom)

10:40 Coffee break

11:10 IL05 - Sulfur-Free RAFT Polymerisation of Methacrylates in Emulsion Polymerisation

David HADDLETON (UNIVERSITY OF WARWICK, Coventry, United Kingdom)

IL06 - Towards Polymer-peptide Conjugates as Potent Drugs

Bert KLUMPERMAN (STELLENBOSCH UNIVERSITY, Stellenbosch, South Africa)

IL07 - Engineering Interfaces Using Controlled Radical Polymerization

Harm-Anton KLOK (EPFL, Lausanne, Switzerland)

IL08 - Sustainable Polyurethanes: Reactivity Study and Challenges of Cyclic Carbonates

Sylvain CAILLOL (ICG MONTPELLIER, Montpellier, France)

11:40 OC01 - RAFT/MADIX Emulsion Copolymerization of Vinyl Acetate and N-Vinylcaprolactam: Towards Waterborne Physically Crosslinked Thermoresponsive Particles

Maud SAVE (UNIVERSITY OF PAU, Pau, France)

OC02 - An Injectable, Anisotropic Hydrogel for Directed Cell and Nerve Growth

Laura DE LAPORTE (DWI-LEIBNIZ INSTITUTE FOR INTERACTIVE MATERIALS E.V., Aachen, Germany)

OC03 - Polymerization-Induced Self-Assembly for Reinforced Acrylic Coatings

Jutta RIEGER (PIERRE AND MARIE CURIE UNIVERSITY (UPMC) - CNRS, Paris, France)

OC04 - Synthesis of Poly(Butylene Succinate) and Poly(Butylene Adipate) Copolymers Using Enzyme Catalysis

Mirosława EL FRAY (WEST POMERANIAN UNIVERSITY OF TECHNOLOGY, SZCZECIN, Szczecin, Poland)

12:00 OC05 - New Approaches to Controlled Synthesis of Polymers via "Living" Radical Polymerization

Mikhail ZAREMSKI (MOSCOW STATE UNIVERSITY, Moscow, Russia)

OC06 - Functional Thin Hydrogel Layers

Dirk KUCKLING (UNI PADERBORN, Paderborn, Germany)

OC07 - Single Chain Folding Engineering Toward Nanomedicine and Catalysis Applications

Jose A. POMOSO (UNIVERSITY OF THE BASQUE COUNTRY, San Sebastian, Spain)

OC08 - Biodegradable Protein-Polymer Supramolecular Assemblies: Synthetic Approaches and Properties

Kelly VELONIA (UNIVERSITY OF CRETE, Heraklion Crete, Greece)

12:20 Lunch

#### Auditorium Quatelet

##### Session chair

Christopher BOWMAN (UNIVERSITY OF COLORADO, Colorado, United States)

13:40 PLO2 - Principles of Vitrimer Chemistry and Physics

Ludwik LEIBLER (ESPCI, Paris, France)

14:30 Break

#### Auditorium Devreker

##### Session Chair

David HADDLETON (UNIVERSITY OF WARWICK, Coventry, United Kingdom)

#### Auditorium Vlerick

##### Session Chair

Helmut SCHLAAD (UNIVERSITY OF POTSDAM, Potsdam, Germany)

#### Auditorium Picard

##### Session Chair

Andrew SLARK (HENKEL ADHESIVE TECHNOLOGIES, Wokingham, United Kingdom)

#### Auditorium Van Vaerenbergh

##### Session Chair:

Guillaume DELAITRE (KARLSRUHE INSTITUTE OF TECHNOLOGY, Eggenstein-Leopoldshafen, Germany)

14:35 IL09 - Dynamic Chemistries in Smart Polymers

Christopher BOWMAN (UNIVERSITY OF COLORADO, Colorado, United States)

IL10 - Polymer-surface Interactions from the Molecular Perspective by AFM Force Spectroscopy

Julius VANCOSO G. (UNIVERSITY OF TWENTE, Enschede, The Netherlands)

IL11 - Academic Research in a Chemical Company - Turning Contradiction into Common Ground

Bernd BRUCHMANN (BASF SE, Ludwigshafen am Rhein, Germany)

IL12 - Design of Monomers Undergoing Radical Ring-Opening Polymerization and their Application to Functional Polymers

Takeshi ENDO (KINDAI UNIVERSITY, Osaka, Japan)

15:05 Coffee break

<b>15:35</b>	<b>IL13 - Macromolecular Metamorphosis: An Alternative Approach to Stimuli-Responsive Polymers</b> Brent S. SUMERLIN (UNIVERSITY OF FLORIDA, Gainesville, United States)	<b>IL14 - Sequence-Specific Polymers Synthesized from Anionic Polymerizations of Template Monomers</b> Junpo HE (FUDAN UNIVERSITY, Shanghai, China)	<b>IL15 - Designed (and) Functional Polymer Networks ... New Approaches and Applications</b> Friedrich Georg SCHMIDT (EVONIK INDUSTRIES AG, Marl, Germany)	<b>IL16 - Polymer Assisted Housing of Actives for Designed Release</b> Munmaya MISHRA (ALTRIA RESEARCH CENTER, Virginia, United States)
<b>16:05</b>	<b>OC09 - Supramolecular Biomaterials: From Fundamentals to Advanced Healthcare Solutions</b> Eric APPEL (STANFORD UNIVERSITY, Stanford, United States)	<b>OC10 - New Polymerization Methodology of Amino-Acid Monomers</b> Youhua TAO (CHANGCHUN INSTITUTE OF APPLIED CHEMISTRY, Changchun, China)	<b>OC11 - Isosorbide as a Building Block for Polyesters and Polycarbonate, Challenges and Applications</b> René SAINT-LOUP (ROQUETTE, Lestrem, France)	<b>OC12 - Polymersomes and Multicompartment Systems for Synthetic Biology</b> Dietmar APPELHANS (LEIBNIZ INSTITUTE OF POLYMER RESEARCH DRESDEN, Dresden, Germany)
<b>16:25</b>	<b>Break</b>			
	<b>Session Chair</b> Steve ARMES (UNIVERSITY OF SHEFFIELD, Sheffield, United Kingdom)	<b>Session Chair</b> Eva M. HARTH (VANDERBILT UNIVERSITY, Nashville, United States)	<b>Session Chair</b> Friedrich Georg SCHMIDT (EVONIK INDUSTRIES AG, Marl, Germany)	<b>Session Chair</b> Mitsuo SAWAMOTO (CHUBU UNIVERSITY, Kasugai, Aichi, Japan)
<b>16:30</b>	<b>OC13 - «Colored» Multi-Stimuli Responsive Hydrogels</b> Patrice WOISEL (UNIVERSITY OF LILLE, Villeneuve d'Ascq, France)	<b>OC14 - Recyclable Crosslinked Polymer Networks with Full Property Recovery via One-Step Controlled Radical Polymerization</b> John M. TORKELSON (NORTHWESTERN UNIVERSITY, Evanston, IL, United States)	<b>OC15 - The Synthesis and Characterization of Farnesene-Based Industrial Polymers</b> Anne-Laure JÉZÉQUEL (TOTAL, Saint-Avold, France)	<b>OC16 - Synthesis and Solution Properties of PHPMA Based Copolymers Containing Stable Nitroxyl Radicals</b> Sergey FILIPPOV (INSTITUTE OF MACROMOLECULAR CHEMISTRY, Prague, Czech Republic)
<b>16:50</b>	<b>OC17 - Polyampholyte Microgels: from Molecular Design to Ionic Traps and Switches</b> Andrij PICH (RWTH AACHEN UNIVERSITY, Aachen, Germany)	<b>OC18 - Alternatives to Conventional Polymerization Initiators</b> Didier GIGMES (AIX-MARSEILLE UNIVERSITY, Marseille, France)	<b>OC19 - Shape Recording Materials</b> Gerhard MAIER (POLYMATERIALS AG, Kaufbeuren, Germany)	<b>OC20 - Ring Opening of Sustainable Dioxolanone Monomers as a New Route to Functional, Degradable Polyesters</b> Michael SHAVER (UNIVERSITY OF EDINBURGH, Edinburgh, United Kingdom)
<b>17:10</b>	<b>IL17 - Functional Nanostructures through Polymerization Induced Microphase Separation</b> Marc A. HILLMYER (UNIVERSITY OF MINNESOTA, Minneapolis, United States)	<b>IL18 - Polymer Designs for Infrared Laser Responsive Material</b> Johan LOCCUFIER (AGFA GEVAERT NV, Mortsel, Belgium)	<b>IL19 - Solving Sticky Adhesive Problems with Polymer Chemistry: Linking Applied Properties with Polymer Architecture</b> Andrew SLARK (HENKEL ADHESIVE TECHNOLOGIES, Wokingham, United Kingdom)	<b>IL20 - Enzyme-Polymer Nanohybrids</b> Guillaume DELAITTRE (KARLSRUHE INSTITUTE OF TECHNOLOGY, Eggenstein-Leopoldshafen, Germany)
<b>17:40</b>	<b>Break</b>			
<b>17:45</b>	<b>Poster session 1 (until 19:15)</b>			
<b>19:00</b>	<b>Group picture</b>			
<b>19:15</b>	<b>Beer tasting and fries event</b>			

## Tuesday May 23, 2017

### Auditorium Quatelet

#### Session Chair

Kristi ANSETH (UNIVERSITY OF COLORADO BOULDER, Boulder, United States)

### 08:40 PLO3 - The Power of Polymer Synthesis in Macromolecular Engineering

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

### 09:30 Break

#### Auditorium Devreker

#### Session Chair

Jan C.M. VAN HEST (RADBOD UNIVERSITY NIJMEGEN, Nijmegen, The Netherlands)

#### Auditorium Vlerick

#### Session Chair

Julius VANCISO G. (UNIVERSITY OF TWENTE, Enschede, The Netherlands)

#### Auditorium Picard

#### Session Chair

Harm-Anton KLOK (EPFL, Lausanne, Switzerland)

#### Auditorium Van Vaerenbergh

#### Session Chair

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

### 09:35 IL21 - Polymer-based Redox Flow Batteries: New Applications for Redox-active Functional Macromolecules

Ulrich SCHUBERT (UNIVERSITY OF JENA, Jena, Germany)

### IL22 - Using Crystallisation Driven Assembly for the Formation of 2D Nanomaterials

Rachel O'REILLY (THE UNIVERSITY OF WARWICK, Warwick, United Kingdom)

### IL23 - Introducing Mechanics into «click»-Chemistry: Force-induced Crosslinking and Self-healing of Polymers

Wolfgang BINDER (MARTIN-LUTHER UNIVERSITY HALLE-WITTENBERG, Halle, Germany)

### IL24 - Universal Conditions for the Controlled Polymerization of Acrylates, Methacrylates, and Styrene Via CU(0)-RDRP

Athina ANASTASAKI (UNIVERSITY OF CALIFORNIA, Santa Barbara, United States)

### 10:05 Coffee break

### 10:25 IL25 - Rational Design of ABC Triblock Terpolymer Solution Nanostructures with Controlled Patch Morphology

Axel MUELLER (UNIVERSITY OF MAINZ, Mainz, Germany)

### IL26 - Nanocelluloses and Well-defined Polymers - Hybrid Materials with Great Potential.

Eva MALMSTROM-JONSSON (ROYAL INSTITUTE OF TECHNOLOGY, Stockholm, Sweden)

### IL27 - Glycan Inspired Biomaterials; Targeting Bacterial Toxins

Matthew I. GIBSON (UNIVERSITY OF WARWICK, Coventry, United Kingdom)

### IL28 - H-bonding Activation for ROP: Enzymatic vs Organic Catalysis

Frederic PERUCH (LABORATOIRE DE CHIMIE DES POLYMERES ORGANIQUES, Pessac, France)

### 10:55 IL29 - Macromolecular Materials via Precision Photochemistry

Christopher BARNER-KOWOLLIK (QUEENSLAND UNIVERSITY OF TECHNOLOGY (QUT), Brisbane, Australia)

### IL30 - Engineering of Fatty Acid Methyl Esters Towards Bio-based Polymers with Original Properties

Henri CRAMAIL (LCPO, UNIVERSITY OF BORDEAUX, Pessac, France)

### IL31 - Complex Glycopolymer Structures and their Interactions with Lectins

Remzi BECKER (QUEEN MARY UNIVERSITY OF LONDON, London, United Kingdom)

### IL32 - Polypeptides by Light: Photo-Polymerisation Of N-Carboxyanhydrides (NCA)

Andreas HEISE (ROYAL COLLEGE OF SURGEONS IN IRELAND, Dublin, Ireland)

### 11:25 Break

Auditorium Devreker	Auditorium Vlerick	Auditorium Picard	Auditorium Van Vaerenbergh
<b>Session Chair</b> Axel MUELLER (UNIVERSITY OF MAINZ, Mainz, Germany)	<b>Session Chair</b> Eva MALMSTROM-JONSSON (ROYAL INSTITUTE OF TECHNOLOGY, Stockholm, Sweden)	<b>Session Chair</b> Rachel O'REILLY (THE UNIVERSITY OF WARWICK, Warwick, United Kingdom)	<b>Session Chair</b> Bruno AMEDURI (ENSC, Montpellier, France)
<b>11:30</b> <b>IL33 - Benzodioxinone Photochemistry. A Versatile Root to Macromolecular Synthesis</b> Yusuf YAGCI (ISTANBUL TECHNICAL UNIVERSITY, Istanbul, Turkey)	<b>IL34 - Controlling Polymersome Shape and Function</b> Jan C.M. VAN HEST (RADBOD UNIVERSITY NIJMEGEN, Nijmegen, The Netherlands)	<b>IL35 - Metathesis Polymerization of Amino acid Derivatives</b> Helmut SCHLAAD (UNIVERSITY OF POTSDAM, Potsdam, Germany)	<b>IL36 - Synthesis of Polyamide 6 with Aramide Units</b> Stephane CARLOTTI (UNIVERSITY OF BORDEAUX, Pessac, France)
<b>12:00</b> <b>OC21 - Straightforward Synthesis of Substituted Thiolactones and their Application to Polymer Synthesis and Modification</b> Mathias DESTARAC (UNIVERSITY OF TOULOUSE, Toulouse, France)	<b>OC22 - Engineering Microbial Responses with Synthetic Polymers</b> Francisco FERNANDEZ-TRILLO (UNIVERSITY OF BIRMINGHAM, Birmingham, United Kingdom)	<b>OC23 - Synthesis of PH-Responsive Glycopolypeptides and their Interactions with Lectins</b> Henning MENZEL (BRAUNSCHWEIG UNIVERSITY OF TECHNOLOGY, Braunschweig, Germany)	<b>OC24 - Empowering Inert Polyethers with Functional Epoxides: Synthesis and Biological Applications</b> Byeong-Su KIM (UNIST, Ulsan, Korea, South)
<b>12:20 Lunch</b>			
<b>Session Chair</b> Yusuf YAGCI (ISTANBUL TECHNICAL UNIVERSITY, Istanbul, Turkey)	<b>Session Chair</b> Junpo HE (FUDAN UNIVERSITY, Shanghai, China)	<b>Session Chair:</b> Brent S. SUMERLIN (UNIVERSITY OF FLORIDA, Gainesville, United States)	<b>Session Chair</b> Laura DE LAPORTE (DWI-LEIBNIZ INSTITUTE FOR INTERACTIVE MATERIALS E.V., Aachen, Germany)
<b>13:40</b> <b>IL37 - Mechanisms of Solubility Enhancement for Hydrophobic Drugs in Polymeric Spray-Dried Dispersions</b> Timothy LODGE (UNIVERSITY OF MINNESOTA, Minneapolis, United States)	<b>IL38 - Living Radical Ring-opening Redox Polymerization (R3P) of Dithiols</b> Judít E. PUSKAS (UNIVERSITY OF AKRON, Akron, United States)	<b>IL39 - Synthetic Routes to Simplifying Molecular Complexity</b> Patrick THEATO (HAMBURG UNIVERSITY, Hamburg, Germany)	<b>IL40 - From Functionalized Polymers to Non-isocyanate Polyurethanes (NIPUs)</b> Sophie GUILLAUME (UNIVERSITY OF RENNES, Rennes, France)
<b>14:10</b> <b>OC25 - Polymer Synthesis by Tandem Reaction of <math>\alpha</math>-(Halomethyl)Acrylate via Addition-Fragmentation and Click Reactions</b> Yasuhiro KOHSAKA (SHINSHU UNIVERSITY, Ueda, Japan)	<b>OC26 - Fabrication of Polymer-Protein Hybrids Based on Thiol-Disulfide Exchange Reactions</b> Hanying ZHAO (NANKAI UNIVERSITY, Tianjin, China)	<b>OC27 - Triazolinedione-based Click and Transclick Reactions: a Macromolecular Relay</b> Hannes HOUCK (UNIVERSITY OF GHENT - KARLSRUHE INSTITUTE OF TECHNOLOGY, Ghent, Belgium)	<b>OC28 - Lassos and Loops: Topological Control over the Interfacial Physico-Chemical Properties of Polymer Assemblies</b> Edmondo Maria BENETTI (ETH ZÜRICH, Zürich, Switzerland)
<b>14:30</b> <b>IL41 - Topological Polymer Chemistry toward Macromolecular Graph Constructions</b> Yasuyuki TEZUKA (TOKYO INSTITUTE OF TECHNOLOGY, Tokyo, Japan)	<b>IL42 - Stereochemical Control of Materials Properties through Nucleophilic Thiol-yne Additions</b> Andrew P. DOVE (WARWICK UNIVERSITY, Warwick, United Kingdom)	<b>IL43 - Linear Gradient Multi-Block Copolymers with Up to 14 Blocks: A Rapid and General Strategy for an Interesting Class of Materials with Excellent Mechanical Properties</b> Holger FREY (UNIVERSITY OF MAINZ, Mainz, Germany)	<b>IL44 - New Polymers and Strategies for Drug Delivery Applications</b> Julien NICOLAS (PARIS-SUD UNIVERSITY, CNRS, Châtenay-Malabry, France) - <b>Recipient of 2017 Polymer Chemistry Lectureship</b>
<b>15:00 Coffee break</b>			
<b>Session Chair</b> Timothy LODGE (UNIVERSITY OF MINNESOTA, Minneapolis, United States)	<b>Session Chair</b> Bert KLUMPERMAN (STELLENBOSCH UNIVERSITY, Stellenbosch, South Africa)	<b>Session Chair</b> Christopher BARNER-KOWOLLIK (QUEENSLAND UNIVERSITY OF TECHNOLOGY (QUT), Brisbane, Australia)	<b>Session Chair</b> Bruno DE GEEST (GHENT UNIVERSITY, Ghent, Belgium)
<b>15:20</b> <b>OC29 - Phosphorus Chemistry as a Tool for the Production of Metal-Containing Polymers and Polyelectrolytes</b> Joe GILROY (THE UNIVERSITY OF WESTERN ONTARIO, London, Canada)	<b>OC30 - (AB)<sub>n</sub>-Multiblock Copolymers via Simple One-Step Melt Condensation Chemistry</b> Theo DINGEMANS (UNC CHAPEL HILL, Chapel Hill, United States)	<b>OC31 - Multi-Responsive Coordination Polymers Utilising Metal-Stabilised, Dynamic Covalent Imine Bonds</b> Maarten SMULDERS (WAGENINGEN UNIVERSITY, Wageningen, The Netherlands)	<b>OC32 - Albumin-Polymer-Drug Conjugates - a Final End to the Molecular Weight Race</b> Camilla Frich RIBER (AARHUS UNIVERSITY, Aarhus C, Denmark)
<b>15:40</b> <b>OC33 - Dancing in the Dark with Sulfur and Selenium: next Generation IR Optical Polymers for IR Thermal Imaging</b> Jeffrey PYUN (UNIVERSITY OF ARIZONA, Tucson, United States)	<b>OC34 - Twofold Helical Polymerization: thermal Solid-State Polymerization of 7-Cyano-7-Alkoxy carbonyl-P-Benzoquinone Methides</b> Takahito ITOH (MIE UNIVERSITY, Tsu, Japan)	<b>OC35 - Polymeric Arsenicals as Functional Polymer Scaffolds</b> Paul WILSON (UNIVERSITY OF WARWICK, Coventry, United Kingdom)	<b>OC36 - Poly(METHYL VINYL ETHER-alt-MALEIC ACID)-Based Hydrogels and their Biomedical Applications</b> Tianzhu ZHANG (SOUTHEAST UNIVERSITY, Nanjing, China)
<b>16:05</b> <b>OC37 - Thin Films of Amphiphilic Block Copolymers Designed for Optical Sensor Application</b> Darinka CHRISTOVA (BULGARIAN ACADEMY OF SCIENCES, Sofia, Bulgaria)	<b>OC38 - Electrogenerated Thin Films of Microporous Polymer Networks with Remarkably Increased Electrochemical Response to Nitroaromatic Analytes</b> Ulrich SCHERF (UNIVERSITY OF WUPPERTAL, Wuppertal, Germany)	<b>OC39 - Teaching an Old Dog New Tricks - the Wonderful World of Azobenzenes</b> Hatice MUTLU (KARLSRUHE INSTITUTE OF TECHNOLOGY, Eggenstein-Leopoldshafen, Germany)	<b>OC40 - Increasing the Solubility Range of Polyesters by Tuning their Microstructure with Comonomers</b> Katrien BERNAERTS (MAASTRICHT UNIVERSITY, Geleen, The Netherlands)
<b>16:25</b> <b>IL45 - Highly Aromatic Polymer Architectures Designed for Optoelectronic Applications</b> Brigitte VOIT (LEIBNIZ INSTITUT DRESDEN, Dresden, Germany)	<b>IL46 - Emulsion Templated Hydrogels: Superabsorbents, Stimulus-Response, Ion-exchange, and Self-crosslinking</b> Michael SILVERSTEIN (TECHNION - ISRAEL INSTITUTE OF TECHNOLOGY, Haifa, Israel)	<b>IL47 - New Spin on Old Polymers: Versatile Materials using Simple Chemistry and Electrospinning</b> Amitav SANAYL (BOGAZICI UNIVERSITY, Istanbul, Turkey)	<b>IL48 - Improvement of Nitinol Corrosion Resistance by SiATRP: the Key Role of Electrografting Process</b> Laetitia MESPOUILLE (UNIVERSITY OF MONS, Mons, Belgium)
<b>16:55 Break</b>			
<b>17:00 Poster session 2 (until 18:30)</b>			
<b>19:30 Banquet at Oude Vismijn</b>			

Wednesday May 24, 2017			
Auditorium Devreker	Auditorium Vlerick	Auditorium Picard	Auditorium Van Vaerenbergh
<b>Session Chair</b> Judit E. PUSKAS (UNIVERSITY OF AKRON, Akron, United States)	<b>Session Chair</b> Phillippe DUBOIS (LUXEMBOURG INSTITUTE OF SCIENCE AND TECHNOLOGY, Hautcharage, Luxembourg)	<b>Session Chair</b> Eric DROCKENMULLER (UNIVERSITY CLAUDE BERNARD LYON 1, Villeurbanne, France)	<b>Session Chair</b> Michael MONTEIRO (THE UNIVERSITY OF QUEENSLAND, Queensland, Australia)
<b>09:00</b> <b>IL49 - Multicomponent Reactions in Polymer Science: from Versatile Tuning of Structure and Properties to Sequence Defined Macromolecules</b> Michael A. R. MEIER (KARLSRUHE INSTITUTE OF TECHNOLOGY (KIT), Karlsruhe, Germany)	<b>IL50 - Molecular Engineering with Living Anionic Copolymerisation</b> Lian HUTCHINGS (DURHAM UNIVERSITY, Durham, United Kingdom)	<b>IL51 - Innovative Polymer Electrolytes for Energy and Bioelectronics</b> David MECERREYES (POLYMAT, INSTITUTE OF POLYMERIC MATERIALS, San Sebastian, Spain)	<b>IL52 - Engineering the Immune System with Polymeric Nanomaterials</b> Bruno DE GEEST (GHENT UNIVERSITY, Ghent, Belgium)
<b>09:30</b> <b>IL53 - Precision Polymer Chemistry for BioNano Applications</b> Sebastien PERRIER (UNIVERSITY OF WARWICK, Warwick, United Kingdom)	<b>IL54 - Polyphosphoesters: New Trends in Synthesis and Drug Delivery Applications</b> Christine JEROME (UNIVERSITY OF LIEGE, Liege, Belgium)	<b>IL55 - Redox Polymers: the Future for Li-ion Batteries?</b> Jean-François GOHY (Catholic University of Louvain, Louvain-la-Neuve, Belgium)	<b>IL56 - Designer Molecules in Precision Polymerizations toward Advanced Macromolecular Engineering</b> Makoto OUCHI (KYOTO UNIVERSITY, Kyoto, Japan)
<b>10:00</b> <b>IL57 - Design and Applications of Digital Polymers</b> Jean-Francois LUTZ (CHARLES SADRON INSTITUTE, CNRS, Strasbourg, France)	<b>IL58 - Specifically Interacting Polymers: Can Polymer Chemists still Learn Anything from Mussels?</b> Hans BÖRNER (HUMBOLDT UNIVERSITY OF BERLIN, Berlin, Germany)	<b>IL59 - Multifunctional Poly(ionic liquid)s: from Synthesis to Applications in Energy and Environment</b> Christophe DETREMBLEUR (UNIVERSITY OF LIEGE, Liege, Belgium)	<b>IL60 - Controlling the Functionality and Topology of Polymers Prepared by Radical Polymerization thanks to Thiol Chemistry</b> Renaud NICOLAY (ESPCI, Paris, France)
<b>10:30 Coffee break</b>			
<b>Session Chair</b> Henri CRAMAIL (LCPO, UNIVERSITY OF BORDEAUX, Pessac, France)	<b>Session Chair</b> Michael A. R. MEIER (KARLSRUHE INSTITUTE OF TECHNOLOGY (KIT), Karlsruhe, Germany)	<b>Session Chair</b> Jean-François GOHY (Catholic University of Louvain, Louvain-la-Neuve, Belgium)	<b>Session Chair</b> Christine JEROME (UNIVERSITY OF LIEGE, Liege, Belgium)
<b>10:50</b> <b>IL61 - Polybenzoxazine-based Nanocomposites: from Synthesis to High Performance Materials</b> Phillippe DUBOIS (LUXEMBOURG INSTITUTE OF SCIENCE AND TECHNOLOGY, Hautcharage, Luxembourg)	<b>IL62 - Conjugated Polymers: Versatile Organic Semiconductors with a Plethora of Applications</b> Dirk VANDERZANDE (UNIVERSITY OF HASSELT, Hasselt, Belgium)	<b>IL63 - Poly(1,2,3-triazolium)s: Functional and Dynamic Polymer Electrolytes</b> Eric DROCKENMULLER (UNIVERSITY CLAUDE BERNARD LYON 1, Villeurbanne, France)	<b>IL64 - Urethane-containing Macromonomers as Novel Hydrogel Building Blocks for Solvent- and Initiator Free 3D Printing Applications: the Ultimate Solution?</b> Peter DUBRUEL (GHENT UNIVERSITY, Ghent, Belgium)
<b>11:20</b> <b>OC41 - Design of Multiblock Polymers by Chain Shuttling Polymerization</b> Phillippe ZINCK (UNIVERSITY OF LILLE, Villeneuve d'Ascq, France)	<b>OC42 - Conjugated Surface-Grafted Polymer Brushes</b> Szczepan ZAPOTOCZNY (JAGIELLONIAN UNIVERSITY, Krakow, Poland)	<b>OC43 - Synthesis of Polycarbosilanes Having 5-Membered Cyclic Carbonate Groups and their Properties as Solid Polymer Electrolytes</b> Matsumoto KOZO (KINDAI UNIVERSITY, Lizuka, Japan)	<b>OC44 - Chain and Step Growth Polymerisations of Cyclic Imino Ethers - from Poly(2-Oxazoline)s to Poly(Ester Amide)s</b> Kristian KEMPE (MONASH UNIVERSITY, Melbourne, Australia)
<b>11:40 Break</b>			
<b>11:45</b> <b>OC45 - Self-Assembly and Responsiveness of Polypeptide-Based Star and Triblock Copolymers</b> Daniel SAVIN (UNIVERSITY OF FLORIDA, Gainesville, United States)	<b>OC46 - Semi-crystalline Vitrimers via Solid-state Polymerization</b> Hans HEUTS (TECHNICAL UNIVERSITY OF EINDHOVEN, Eindhoven, The Netherlands)	<b>OC47 - The Application of Selenolactone in Polymer Synthesis</b> Xiangqiang PAN (SOOCHOW UNIVERSITY, Suzhou, China & GHENT UNIVERSITY, Ghent, Belgium)	<b>OC48 - Poly(2-Oxazoline)s: from Fundamental Research to Biomedical Applications</b> Victor RETAMERO DE LA ROSA (GHENT UNIVERSITY, Ghent, Belgium)
<b>12:05</b> <b>OC49 - Development of High Performance Polymers from Naturally Occurring Myo-Inositol</b> Sudo ATSUSHI (KINKI UNIVERSITY, Osaka, Japan)	<b>OC50 - Vitrimers Based on Transalkylation of Sulfonium Salts</b> Benjamin HENDRIKS (GHENT UNIVERSITY, Ghent, Belgium)	<b>OC51 - Synthesis and Thermoresponsive Properties of Multi-Sensitive Linear and Cyclic Graft Copolymers</b> Youliang ZHAO (SOOCHOW UNIVERSITY, Suzhou, China)	<b>OC52 - Thermoresponsive PNIPAM Coated Gold Nanoparticles for Sensors, Coatings and Catalytic Applications</b> Samarendra MAJI (GHENT UNIVERSITY, Ghent, Belgium)
<b>12:25 Lunch</b>			
<b>Session Chair</b> Yasuyuki TEZUKA (TOKYO INSTITUTE OF TECHNOLOGY, Tokyo, Japan)	<b>Session Chair</b> Lian HUTCHINGS (DURHAM UNIVERSITY, Durham, United Kingdom)	<b>Session Chair</b> Sebastien PERRIER (UNIVERSITY OF WARWICK, Warwick, United Kingdom)	<b>Session Chair</b> Peter DUBRUEL (GHENT UNIVERSITY, Ghent, Belgium)
<b>13:50</b> <b>IL65 - New Frontiers for Controlled Networks in the Nano - and Macroscale</b> Eva M. HARTH (VANDERBILT UNIVERSITY, Nashville, United States)	<b>IL66 - Deeper Insight Into the RDRP Polymerization of Vinylidene Fluoride</b> Bruno AMEDURI (ENSC, Montpellier, France)	<b>IL67 - Amine-based and Amine-reactive Polymers: a Versatile Toolbox for Polymer Conjugation</b> Sagrario PASCUAL (UNIVERSITY OF MAINE, Le Mans, France)	<b>IL68 - Thermodynamics of the Interaction of Natural Polymers with Nanocellulose</b> Wim THIELEMANS (KU Leuven, Kortrijk, Belgium)
<b>14:20</b> <b>OC53 - Fluoride Catalyzed Chemistry of Imidazolyl Monomers: a Robust Polymerization Strategy Toward Dendrimers and Polycarbonates</b> Michael MALKOCH (KTH ROYAL INSTITUTE OF TECHNOLOGY, Stockholm, Sweden)	<b>OC54 - Investigations into the Mechanisms of Photo-ATRP and Photo-RAFT</b> Julien POLY (MULHOUSE INSTITUTE OF MATERIALS SCIENCE, Mulhouse, France)	<b>OC55 - Well-Defined Semi-Interpenetrating Polymer Networks: the BIEE-Crosslinking Approach</b> Theodora KRASIA-CHRISTOFOROU (UNIVERSITY OF CYPRUS, Nicosia, Cyprus)	<b>OC56 - Fabrication of Anisotropic Microparticles via Double-Speed Seeded Swelling Polymerization</b> Qiuyu ZHANG (NORTHWESTERN POLYTECHNICAL UNIVERSITY, Xi'an, China)
<b>14:40 Break</b>			

<b>14:45</b>	<b>OC57 - Unique Biomaterials and Nanocomposites Based on Multifunctional PEG-Hydrogels</b> Marga LENSEN (TECHNICAL UNIVERSITY OF BERLIN, Berlin, Germany)	<b>OC58 - Propagation Rate for Radical Polymerization of Water-Soluble Monomers In Aqueous Solutions</b> Igor LACIK (POLYMER INSTITUTE SAS, Bratislava, Slovakia)	<b>OC59 - Controlling the Micro-Environment of Cells by Exploitation of Macromolecular Photochemistry</b> Stefan BAUDIS (TECHNICAL UNIVERSITY OF VIENNA, Vienna, Austria)	<b>OC60 - Biodegradable Polymer Networks via Triazolinedione Crosslinking of Oleyl-Functionalized Poly(Epsilon-Caprolactone)</b> Melania BEDNAREK (CENTRE OF MOLECULAR AND MACROMOLECULAR STUDIES POLISH ACADEMY OF SCIENCES, Lodz, Poland)
<b>15:05</b>	<b>IL69 - Building Dynamic and Functional Nanostructures in Water: Tadpoles to Toroidal Nanorattles</b> Michael MONTEIRO (THE UNIVERSITY OF QUEENSLAND, Queensland, Australia)	<b>IL70 - Microflow Reactions: From Controlled Polymerization to Sequence-Defined Oligomers</b> Tanja JUNKERS (UNIVERSITY OF HASSELT, Hasselt, Belgium)	<b>IL71 - Multi-stimuli Responsive Self-assembled Block Copolymers via a Catechol/boronic Acid Ligation</b> David FOURNIER (UNIVERSITY OF LILLE, Lille, France)	<b>IL72 - H-Bonding Driven Self-Assembly of Amphiphilic Polymers</b> Suhrit GHOSH (INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE, Kolkata, India)
<b>15:35</b>	<b>Coffee break</b>			
	<b>Auditorium Quatelet</b>			
	<b>Session Chair</b> Matthew I. GIBSON (UNIVERSITY OF WARWICK, Coventry, United Kingdom)			
<b>16:00</b>	<b>PL04 - Self-assembled Nanoparticles of Different Shapes and their Role in Drug Delivery</b> Martina STENZEL (UNIVERSITY OF NEW SOUTH WALES, Sydney, Australia)			
<b>16:50</b>	<b>Closing remarks</b>			
<b>17:15</b>	<b>Buses leaving to soccer tournament</b>			
<b>17:45</b>	<b>Soccer game 'Belgian Polymer team' against 'Rest of the World Polymer team'</b>			
<b>18:45</b>	<b>Free drinks and light dinner (until 20:00)</b>			
<b>Thursday May 25, 2017</b>				
<b>10:00</b>	<b>Touristic activities in Bruges or Ghent</b>			