

### Sunday July 10, 2016

**14:30**     **Registration**

**17:00**     **Opening**

**Session Chair:**

Prof. Bert U.W. MAES  
(UNIVERSITY OF ANTWERP, Antwerp, Belgium)

**17:10**     **L01 - Perspectives in Chemistry: From Supramolecular Chemistry to Adaptive Chemistry**

Prof. Jean-Marie LEHN  
(ISIS/UNIVERSITY OF STRASBOURG, Strasbourg, France)

**18:10**     **Welcome Drink**

### Monday July 11, 2016

**08:30 Registration**

**Session Chair:**

Prof. Alain KRIEF  
(UNAMUR, Namur, Belgium)

**Tetrahedron Chair: "Classics and Moderns in Fluorine Chemistry"**

Prof. Véronique GOUVERNEUR  
(UNIVERSITY OF OXFORD, Oxford, United Kingdom)

**10:00 Tetrahedron Lecture 1: Late Stage Fluorination of Arenes: The Never Ending Story**

**11:00 Coffee break & exhibition**

**11:40 Tetrahedron Lecture 2: Csp<sup>3</sup>-F Bond Construction: Challenges and Solutions**

**12:40 Sandwich lunch, exhibition & Poster Session 1 (odd numbers)**

**14:30 Tetrahedron Lecture 3: Catalytic Reactions for Tri- and Difluoromethylation: The State of Play**

**15:30 Coffee break & exhibition**

**16:00 Tetrahedron Lecture 4: The Art of <sup>18</sup>F-Labeling for Applications in Positron Emission Tomography**

**17:00 Tetrahedron Cocktail**

**Tuesday July 12, 2016**

**Session Chair:**

Prof. Johan VAN DER EYCKEN  
(UGENT, Ghent, Belgium)

**09:00 L02 - Evolution of Anion Relay Chemistry (ARC): Design, Synthesis and Validation of Recoverable Siloxane-Based Transfer Agents for Palladium-Catalyzed Cross-Coupling Reactions**

Prof. Amos SMITH  
(UNIVERSITY OF PENNSYLVANIA, Philadelphia, United States)

**Session Chair:**

Prof. Raphaël ROBIETTE  
(UCLOUVAIN, Louvain-la-Neuve, Belgium)

**10:00 L03 - Selective Catalytic Modifications of Unprotected Carbohydrates**

Prof. Adriaan J. MINNAARD  
(UNIVERSITY OF GRONINGEN, Groningen, The Netherlands)

**11:00 Vendor Presentation: Interchim Ultra Performance Flash Purification makes purification easier, intuitive & productive**

**11:10 Coffee break & exhibition**

**Session Chair:**

Prof. Stéphane VINCENT  
(UNAMUR, Namur, Belgium)

**11:40 L04 - Chemical Biology on the Genome**

Prof. Shankar BALASUBRAMANIAN  
(UNIVERSITY OF CAMBRIDGE, Cambridge, United Kingdom)

**12:40 Sandwich lunch, exhibition & Poster Session 1 (odd numbers)**

**Session Chair:**

Prof. Kourosch ABBASPOUR TEHRANI  
(UNIVERSITY OF ANTWERP, Antwerp, Belgium)

**14:30 L05 - Catalytic approaches to the synthesis of enantiopure heterocycles**

Prof. Floris RUTJES  
(RADBOD UNIVERSITY NIJMEGEN, Nijmegen, The Netherlands)

**15:30 Coffee break & exhibition**

**Session Chair:**

Prof. Norbert DE KIMPE  
(UGENT, Ghent, Belgium)

**16:00 L06 - Biocatalytic Cascades for Organic Synthesis**

Prof. Kurt FABER  
(UNIVERSITY OF GRAZ, Graz, Austria)

## Programme

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**Session Chair:**

Prof. Olivier Riant  
(UCL, Louvain-la-Neuve, Belgium)

**17:00**

**L07 - Copper-Catalyzed Hydrofunctionalization Processes**

Prof. Stephen L. Buchwald  
(Massachusetts Institute of Technology, Cambridge, United States)

### Wednesday July 13, 2016

**Session Chair:**

Dr Lieven MEERPOEL  
(JANSSEN R&D, Beerse, Belgium)

**09:00 L08 - Interface Between Molecular and Real World**

Prof. Eiichi NAKAMURA  
(UNIVERSITY OF TOKYO, Tokyo, Japan)

**10:00 L09 - Direct Aromatic Coupling by Transition Metal Catalysis**

Prof. Masahiro MIURA  
(OSAKA UNIVERSITY, Osaka, Japan)

**11:00 Coffee break & exhibition****Session Chair:**

Dr Alain DE MESMAEKER  
(SYNGENTA, Stein, Switzerland)

**11:40 L10 - Sustainable Catalysis - Concepts and Applications for Visible Light Driven Reactions**

Prof. Magnus RUEPING  
(RWTH AACHEN, Aachen, Germany)

**12:40 Sandwich lunch, exhibition & Poster Session 2 (even numbers)****14:30 Excursions**

Thursday July 14, 2016

**Session Chair:**

Prof. Erik VAN DER EYCKEN  
(KULEUVEN, Leuven, Belgium)

**09:00 L11 - Cooperative Catalysis in Asymmetric Synthesis: Case Studies of Mechanistic Understanding and Process Innovation**

Prof. Kuiling DING  
(SHANGHAI INSTITUTE OF ORGANIC CHEMISTRY, Shanghai, China)

**10:00 L12 - Mechanistically Playful Metals**

Prof. Cristina NEVADO  
(UNIVERSITY OF ZURICH, Zurich, Switzerland)

**11:00 Coffee break & exhibition**

**Session Chair:**

Prof. Gwilherm EVANO  
(ULB, Brussels, Belgium)

**11:40 L13 - Catalytic Aerobic Oxidation Reactions for Organic Synthesis**

Prof. Shannon S. STAHL  
(UNIVERSITY OF WISCONSIN, Madison, United States)

**12:40 Sandwich lunch, exhibition & Poster Session 2 (even numbers)**

**Session Chair:**

Prof. Pieter VAN DER VEKEN  
(UANTWERP, Antwerp, Belgium)

**14:30 L14 - Fluorinated or Multivalent Carbohydrates Designed as Antibacterial Agents**

Prof. Stéphane VINCENT  
(UNAMUR, Namur, Belgium)

**15:30 Coffee break & exhibition**

**Session Chair**

Prof. Ben FERINGA  
(UNIVERSITY OF GRONINGEN, Groningen, The Netherlands)

**16:00 [Janssen Prize for Creativity](#)**

**L15 - The Application of Photoredox Catalysis to New Transformations in Chemical Synthesis**

Prof. David MACMILLAN  
(PRINCETON UNIVERSITY, Princeton, United States)

**17:00 Janssen Prize Ceremony & Cocktail**

**20:30 Symposium Dinner**

**Friday July 15, 2016**

**Session Chair**

Prof. Guido VERNIEST  
(VUB, Brussels, Belgium)

- 09:00 L16 - Asymmetric difunctionalization of Enamides via Hydrogen Bond Catalysis**  
Dr Geraldine MASSON  
(INSTITUT DE CHIMIE DES SUBSTANCES NATURELLES CNRS, Gif-sur-Yvette, France)
- 10:00 L17 - Bridging the Gap from Peptide Leads to Drug-like Molecules**  
Prof. William D. LUBELL  
(UNIVERSITY OF MONTREAL, Montreal, Canada)
- 11:00 Coffee break & exhibition**

**Session Chair:**

Prof. Pierre DE CLERCQ  
(UGENT, Ghent, Belgium)

- 11:40 L18 - Concepts and Catalysts for Ion-Controlled Reactivity in Organic Synthesis**  
Prof. F. Dean TOSTE  
(UNIVERSITY OF CALIFORNIA, Berkeley, United States)
- 12:40 Closing Ceremony**