BOSS XVI

Programme

Sunday July 8, 2018

14:30 **Registration**

17:00 **Opening**

Session Chairs:

Prof. Paul KNOCHEL (LUDWIG MAXIMILIANS UNIVERSITY, Munich, Germany)
Prof. Gwilherm EVANO (ULB, Brussels, Belgium)
Prof. Guido VERNIEST (VUB, Brussels, Belgium)

17:10 **L01 - Controversy and Resolution in Organic Chemistry: Claims of Plagiarism, Fabrication and Falsification**

Prof. Jeffrey SEEMAN
(UNIVERSITY OF RICHMOND, Richmond, United States)

18:10 **In-memoriam Istvan Marko**

Led by:

Prof. Léon GHOSEZ
(IECB, Pessac, France)

18:25 **Welcome Reception**

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Programme

Monday July 9, 2018

08:30 **Registration**

09:45 **Introduction & Award Ceremony**

Session Chair:
Prof. Christian STEVENS
(UGENT, Ghent, Belgium)

Tetrahedron Chair: Studies in Natural Product Synthesis, Translational Chemistry & Electrifying Synthesis
Prof. Phil BARAN
(THE SCRIPPS RESEARCH INSTITUTE, La Jolla, United States)

10:00 **Studies in Natural Product Synthesis**

11:00 **Coffee break & Exhibiton**

11:30 **Translational chemistry - part 1**

12:30 **Sandwich lunch, Poster Session 1 & Exhibition**

14:15 **Reaxys workshop**

14:45 **End of the workshop**

15:00 **Translational chemistry – part 2**

16:00 **Coffee break & Exhibiton**

16:30 **Electrifying Synthesis**

17:30 **Belgian Beer Cocktail**

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Programme

Tuesday July 10, 2018

Session Chair:
Prof. Steve LANNERS
(UNIVERSITY OF NAMUR, Namur, Belgium)

09:00 **L02 - Going Around in Circles - Pathways to Mechanism**
Prof. Guy LLOYD-JONES
(UNIVERSITY OF EDINBURGH, Edinburgh , United Kingdom)

10:00 **L03 - Necessity is the Mother of Invention: Natural Products and the Chemistry They Inspire**
Prof. Sarah E. REISMAN
(CALIFORNIA INSTITUTE OF TECHNOLOGY, Pasadena, United States)

11:00 **Coffee break & Exhibiton**

Session Chair:
Prof. Olivier RIANT
(UC LOUVAIN, Louvain-la-Neuve, Belgium)

11:30 **L04 - Lewis Acid Enabled Copper Catalysed Synthesis of Functional Molecules**
Prof. Syuzanna HARUTYUNYAN
(UNIVERSITY OF GRONINGEN, Groningen, The Netherlands)

12:30 **Sandwich lunch, Poster Session 1 & Exhibition**

Session Chair:
Prof. Stéphane VINCENT
(UNAMUR, Namur, Belgium)

14:30 **L05 - Synthetic Molecules for Cell Biology and Cell Therapy**
Prof. Motonari UESUGI
(KYOTO UNIVERSITY, Kyoto, Japan)

15:30 **Coffee break & Exhibiton**

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

16:00 **L06 - Janssen Prize for Creativity in Organic Synthesis - Organic Reactions Inspired by the Organometallic Chemistry of Gold**
Prof. F. Dean TOSTE
(UNIVERSITY OF CALIFORNIA, Berkeley, United States)

17:00 **Award ceremony & cocktail**

Programme

Wednesday July 11, 2018

Session Chair:
Prof. Michael SINGLETON
(UNIVERSITÉ CATHOLIQUE DE LOUVAIN, Louvain-la-Neuve, Belgium)

09:00 **L07 - Adventures in Catalysis: from Mechanisms to Applications**
Prof. Franziska SCHOENEBECK
(RWTH AACHEN, Aachen, Germany)

10:00 **L08 - New Organocatalytic Concepts for Higher-Order Cycloadditions and Coupling Reactions**
Prof. Karl Anker JOERGENSEN
(AARHUS UNIVERSITY, Aarhus, Denmark)

11:00 **Coffee break & Exhibiton**

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

11:30 **L09 - The Simplicity of Rearrangements: Methodology and Total Synthesis**
Prof. Nuno MAULIDE
(UNIVERSITY OF VIENNA, Vienna, Austria)

12:30 **Sandwich lunch, Poster Session 2 & Exhibition**

15:15 **Excursions**

Programme

Thursday July 12, 2018

Session Chair:
Prof. Sven MANGELINCKX
(GHENT UNIVERSITY, Ghent, Belgium)

09:00 **L10 - The (Ongoing) Evolution of the Hexadehydro-Diels-Alder (HDDA) Reaction**
Prof. Thomas HOYE
(UNIVERSITY OF MINNESOTA, Minneapolis, United States)

10:00 **L11 - Bioinspired Chemistry with Proline-Rich Peptides**
Prof. Helma WENNEMERS
(ETH ZURICH, Zürich, Switzerland)

11:00 **Coffee break & Exhibiton**

Session Chair:
Prof. Norbert DE KIMPE
(UGENT, Ghent, Belgium)

11:30 **L12 - Asymmetric Catalysis Directed by Metal-Centered Chirality**
Prof. Eric MEGGERS
(PHILIPPS UNIVERSITY OF MARBURG, Marburg, Germany)

12:30 **Sandwich lunch, Poster Session 2 & Exhibition**

Session Chair:
Alain DE MESMAEKER
(SYNGENTA INTERNATIONAL AG, Basel, Switzerland)

14:30 **L13 - Making the Tiniest Machines**
Prof. David LEIGH
(UNIVERSITY OF MANCHESTER, Manchester, United Kingdom)

15:30 **Coffee break & Exhibiton**

Session Chair:
Prof. Pierre DE CLERCQ
(UGENT, Ghent, Belgium)

16:00 **L14 - Recent Progress on Catalytic Asymmetric Dearomatization Reactions**
Prof. Shuli YOU
(SHANGHAI INSTITUTE OF ORGANIC CHEMISTRY, CAS, Shanghai, China)

17:00 **L15 - A Journey with Pyridine in Transition Metal Catalysis**
Prof. Bert MAES
(UNIVERSITY OF ANTWERP, Antwerp, Belgium)

20:30 **Symposium Dinner**

Programme

Friday July 13, 2018

Session Chair:
Prof. Erik VAN DER EYCKEN
(KU LEUVEN, Leuven, Belgium)

09:00 **L16 - Conformational Analysis and Domino Processes in Natural Product Total Synthesis**
Prof. Jieping ZHU
(ECOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE, Lausanne, Switzerland)

10:00 **L17 - New Cyclizations and Cycloadditions Catalyzed by Gold**
Prof. Antonio M. ECHAVARREN
(INSTITUTE OF CHEMICAL RESEARCH OF CATALONIA (ICIQ), Tarragona, Spain)

11:00 **Coffee break & Exhibiton**

Session Chair:
Prof. Alain KRIEF
(UNAMUR, Namur, Belgium)

11:30 **L18 - Reversible Reservoirs for Radicals: A Powerful Strategy for the Construction of Carbon-Carbon Bonds**
Prof. Samir ZARD
(ECOLE POLYTECHNIQUE, Palaiseau, France)

12:30 **Closing Ceremony**