

SuBiCat 3rd Annual Workshop

Date: 31st Aug 2016

Location: Kumpula campus, Exactum Building, Room CK112, Gustaf Hällströmin katu 2 B, 00560 Helsinki, Finland

Program

9.00 **Micro-Reactors** – *Dr Anton Nagy*, Integrated Lab Solutions, Germany

10.00 **Thermostable Proteins** - *Dr Ossi Turunen*, Aalto University, Finland

11.00 Coffee break

11.30 **Intellectual Property** – *Dr Rob Meier*, DSM, The Netherlands

13.00 Lunch Break

14.30 **Career Management and Entrepreneurial Skills** – *Dr Eduardo Sola*, ISQCH, Universidad Zaragoza, Spain, *Dr Erik Abbenhuis*, Hybrid, The Netherlands and *Dr Anton Nagy*, Integrated Lab Solutions, Germany

15.30 **Membrane Reactors** – *Prof Matthias Wessling*, RWTH, Germany

16.30 Coffee Break

17.00 **Bioinformatics** – *Ms Maria Victoria Aguilar Pontes*, CBS-KNAW, The Netherlands

18.00 Dinner/Management Meeting

SuBiCat 3rd Annual Workshop

Date: 1st and 2nd Sep 2016

Location: Central Campus, Athena Building, Room 107, Siltavuorenpenger 3 A, 00170 Helsinki, Finland

Program – 1st Sep 2016

10.00 **Mechanisms in Organometallic Chemistry** – *Dr Eduardo Sola*, Institute of Chemical Synthesis and Homogeneous Catalysis, Universidad Zaragoza, Spain

11.30 Coffee break

12.00 **An integrated *in-situ* multi-spectroscopic approach for lignin characterization and valorization** - *Khaled Khalili*, Utrecht University, The Netherlands

12.20 Recyclable xantphos-based ligands for lignin depolymerisation - *Paola Forero Cortes*, University of St Andrews, UK

12.40 **Lignin-modifying enzymes of the white-rot basidiomycetous fungi** - *Mila Marinovic*, University of Helsinki, Finland

13.00 Lunch break

14.30 **Lignin Transformations: A route to depolymerization** - *Monica Raquel Caseiro Fernandes*, Hybrid, The Netherlands

14.50 **Intensify Electrochemical Lignin Depolymerisation by Electrode Geometry** - *Davide di Marino*, RWTH, Germany

15.10 **Selective C-C cleavage using tailored molecular Ru catalysts** - *Andrey Charkovskiy*, RWTH, Germany

15.30 Coffee break

15.50 **Unlocking the Lignin Degrading Potential of Ascomycete Fungi** - *April Liwanag*, CBS KNAW, The Netherlands

16.10 **Base-catalyzed and oxidative degradation of lignin β -O-4 model compounds and lignin** - *Saumya Dabral*, RWTH, Germany, UK

16.30 **Management Meeting**

18.00 **Dinner**

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Date: 1st and 2nd Sep 2016

Location: Central Campus, Athena Building, Room 107, Siltavuorenpenger 3 A, 00170 Helsinki, Finland

Program – 2nd Sep 2016

9.30 **Tandem catalytic asymmetric [2,3]-rearrangement of allylic ammonium ylides using Lignin derived feedstocks as precursors** - *Stephanie Spoehrle*, University of St Andrews, UK

9.50 **Oxidative depolymerization of lignin model compounds** - *Antonio Martinez Pascual*, Utrecht University, The Netherlands

10.10 **Advanced methods for enzymatic lignin degradation- Recombinant production of lignin-degrading enzymes** - *Selin Ece*, RWTH, Germany

10.30 Coffee break

11.00 **Synthesis and Use of Advanced Lignin β 5 Linkage Model Systems** – *Dr Peter Deuss*, University of Groningen, The Netherlands

11.20 **Design of a New Artificial Metalloenzyme Scaffolds for Oxidative Lignin Depolymerization** - *Dr Irshad Baig*, University of St Andrews, UK

11.40 **Enzymatic transformation of lignin degradation products** - *Dr Elisa Lanfranchi*, University of Groningen, UK

12.00 Lunch break