

SuBiCat Final Annual Workshop

Date: Monday 4th September

Location: Kamer van Koophandel (Chamber of Commerce), John F Kennedylaan 2, 5612 AB Eindhoven, Netherlands

Meeting Room: Grote Zaal

Program

12.00 Lunch

13.00 **Process Design** – *Dr Fausto Gallucci*, Eindhoven University of Technology, The Netherlands

14.00 **Computational Organometallic Chemistry and Theoretical Methods in Homogeneous Catalysis** – *Dr Marc-Etienne Moret*, University of Utrecht, The Netherlands

15.00 Coffee Break

15.30 **QM-MM Method in Catalyst Design** - *Dr Ivo Filot*, Eindhoven University of Technology, The Netherlands

16.30 **Networking & Team Building Skills** – *Dr. Erik van Herwijnen*, Kompetenzzentrum Holz GmbH, Austria

18.30 **Dinner/Management Meeting @ Grand Café de Zwarte Doos** - Den Dolech, 5612 AZ Eindhoven, 1 min. walking distance)

SuBiCat Final Annual Workshop

Date: Tuesday 5th September

Location: Kamer van Koophandel (Chamber of Commerce), John F Kennedylaan 2, 5612 AB Eindhoven, Netherlands

Meeting Room: Grote Zaal

Program

9.00 **Catalyst Preparation** – *Prof Christian Müller*, Freie Universität Berlin, Germany

10.00 **Catalyst Recycling and Supercritical Fluids** – *Dr Paul Webb*, Sasol, UK

11.00 **Ionic Liquids in Catalysis** – *Dr Andrew Marr*, Queen's University Belfast, UK

12.00 Lunch

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

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

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

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

15.00 Coffee

15.15 **Synthesis and Use of Advanced Lignin β 5 Linkage Model Systems** – *Ciaran Lahive*, University of St Andrews, UK

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

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

16.45 **Management Meeting**

18.30 Dinner @ Lithos - Kerkstraat 40, 5611 GK Eindhoven; next to Catharina church - 20 min. walking distance from meeting)

SuBiCat Final Annual Workshop

Date: Wednesday 6th September

Location: Kamer van Koophandel (Chamber of Commerce), John F Kennedylaan 2, 5612 AB Eindhoven, Netherlands

Meeting Room: 1e Kamer

Program

- 9.00 **Base-catalyzed and oxidative degradation of lignin β -O-4 model compounds and lignin** - *Saumya Dabral*, RWTH, Germany, UK
- 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
- 10.00 **Oxidative depolymerization of lignin model compounds** - *Antonio Martinez Pascual*, Utrecht University, The Netherlands
- 10.30 **Advanced methods for enzymatic lignin degradation- Recombinant production of lignin-degrading enzymes** - *Selin Ece*, RWTH, Germany
- 11.00 **Intensify Electrochemical Lignin Depolymerisation by Electrode Geometry** - *Davide di Marino*, RWTH, Germany
- 11.30 **Enzymatic transformation of lignin degradation products** - *Dr Elisa Lanfranchi*, University of Groningen, UK
- 12.00 Lunch / Departure**