Preliminary program

Sunday (June 04, 2017)

18:00  Registration

19:00  Social program (board trip) followed by welcome reception

Monday (June 05, 2017)

Morning session:

08:30  Welcome

08:50  1st Keynote lecture
       Novel concepts in interfacial polymerization to prepare SRNF-membranes
       I. Vankelecom, KU Leuven, Belgium

09:30  Widening the Applications of PIM-1 in OSN
       M. Cook, Imperial College London, UK

09:50  Synthesis and study of organic solvent nanofiltration PDMS composite membranes for the retention of
diluted solutes
       D. Roizard, CNRS-University of Lorraine, France

10:10  New promising polymer for organic solvent nanofiltration: oxidized poly (arylene sulfide sulfone)
       S. Yuan, KU Leuven, Belgium

10:30  Coffee break

10:50  Controlled positioning of MOFs and their role in interfacially polymerized thin-film nanocomposites
       C. Van Goethem, KU Leuven, Belgium

11:10  Defect-free PIM-1-based hollow fiber membranes
       M. L. Jue, Georgia Institute of Technology, USA

11:30  Solvent stable UV and EB cross-linked polysulfone-based membranes
       V. Altun, KU Leuven, Belgium

11:50  Burgeoning Glubbers - On solvent-induced changes in the properties of thin films
       N. Benes, University of Twente, The Netherlands
12:10 EPON Resin 1031-based TFC-membranes via nucleophilic and anionic ring opening polymerization
    *I. Vankelecom, KU Leuven, Belgium*

12:30 Lunch break

**Afternoon session:**

13:50 2nd Keynote lecture
    Stability, Selectivity or Permeance - Where to for OSN?
    *A. Livingstone, Imperial College London, UK*

14:30 Organic solvent nanofiltration with copolymer functionalized γ-alumina membranes
    *M. Amirilargani, Delft University of Technology, The Netherlands*

14:50 Polymer nanofilms with engineered microporosity by interfacial polymerisation for molecular separations in organic solvent
    *T. Liu, Imperial College London, UK*

15:10 Coffee break and Poster session

15:50 Cellulose-based membranes for organic solvent nanofiltration
    *A. Volkov, A.V.Topchiev Institute of Petrochemical Synthesis RAS, Russia*

16:10 Tannin-based thin-film composite membranes for solvent resistant nanofiltration
    *L. Pérez-Manríquez, King Abdullah University of Science and Technology, Saudi Arabia*

16:30 PDMS organic solvent nanofiltration membranes on ceramic supports
    *H. van Veen, Energy research Centre of the Netherlands, The Netherlands*

16:50 Sorption of single enantiomers and racemic mixture separation by chiral polymeric membranes
    *P. Izak, Institute of Chemical Process Fundamentals, AS CR v.v.i, Czech Republic*

17:10 End of 1st day of the conference

18:00 Departure from hotel (social program followed by conference dinner)

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**Tuesday (June 06, 2017)**

**Morning session:**

08:30 3rd Keynote lecture
    Tailored ceramic membranes fit for varied OSN applications, and promoting new insights in the OSN process
    *A. Buekenhoudt, VITO NV, Belgium*

09:10 Transport phenomena through grafted ceramics
    *R.B. Merlet, Inorganic Membranes, MESA+ Institute for Nanotechnology, University of Twente, The Netherlands*

09:30 Comparability of results from standardized experiments in OSN
    *A. Böcking, RWTH Aachen University AVT.CVT, German*
09:50 A new tool for prediction of solvent permeance in organic solvent nanofiltration
   R. van den Bongard, TU Dortmund University, Germany

10:10 Adaptation of the method of McCabe-Thiele to design and understand Organic Solvent Nanofiltration membrane cascades
   A. Lejeune, Université de Rennes 1, Université Bretagne Loire, Institut des Sciences Chimiques de Rennes, France

10:30 Coffee break

10:50 Screening of membranes to treat ACN-based feeds in SRNF
   M. Bastin, KU Leuven, Belgium

11:10 Improvement of olefin metathesis process thanks to organic solvent nanofiltration: a comparative study of membrane reactors and simulated membrane cascades
   M. Rabiller-Baudry, Université de Rennes 1, Université Bretagne Loire, Institut des Sciences Chimiques de Rennes, France

11:30 Solvent resistant nanofiltration for recovery of terpenes from vegetable oil mixtures
   M H. Abdellah, Melbourne University, Australia

11:50 Xylene Isomer Separation via Organic Solvent Reverse Osmosis
   R. P Lively, Georgia Institute of Technology, USA

12:10 Generalization of a heuristic for membrane selection
   Y. Thiermeyer, Merck KGaA, Germany

12:30 Lunch break

Afternoon session:

13:50 4th Keynote lecture
   OSN - New Unit Operation on the Rise
   C. Schnitzer, Evonik, Germany

14:30 Continuous Consecutive Reactions with Inter-Reaction Solvent Exchange via OSN Membrane Separation
   L.Peeva, Imperial College London, UK

14:50 Fractionation and purification of lignin and lignin derived aromatics by organic solvent based membrane filtration
   P. Vandezande, VITO NV, Belgium

15:10 Decolorization of Vegetable Oil: Process Development using Organic Solvent Nanofiltration
   S. Postel, Evonik, Germany

15:30 Membrane-assisted Processing of Organometallic Catalysed Reactions: From Down-Stream to Continuous Processing
   D. Ormerod, VITO NV, Belgium

15:50 Coffee break

16:10 ExxonMobil research and engineering - corporate strategic research
   B.A. McCool, Advanced Research Associate, USA
16:30 Solvent recycle with imperfect membranes: A semi-continuous workaround for diafiltration
M. Schaepertoens, Department of Chemical Engineering, Imperial College London, UK

16:50 Recent industrial OSN units: From process idea to industrial implementation
M.-S. Haverkamp, BORSIG Membrane Technology GmbH, Germany

17:10 Reactions and recovery of homogeneous transition metal catalysts in a continuous miniplant process
J.M. Dreimann, TU Dortmund, Germany

17:30 Closure ceremony