

1st Benelux Day

On October 2 2015, the first Interpore Benelux day was organized by prof. Veerle Cnudde (UGent, Belgium) & prof. Hans Janssen (KU Leuven, Belgium) at Hof van Liere, Antwerp, Belgium.

During this day, the Interpore Benelux chapter, which is the extension of the Dutch Interpore chapter, brought together porous media researchers from all over the Benelux. Following up on the four previous Dutch Interpore meetings, the Interpore Benelux day aimed at illustrating the wide spectrum of porous media research performed in the Benelux. Eight interesting lectures on ongoing research were given, by researchers from 5 different Belgian and Dutch universities as well as from SCK-CEN, Belgium and Huntsman Polyurethanes, Belgium. Complementary micropresentations were presented by seven young researchers, providing a wide spectrum of ongoing research in the field of Porous Media.



The following invited speakers presented a mix of experimental, theoretical, and computational aspects of porous media research:



Dr. ir. Diederik Jacques (SCK-CEN, Belgium): *Towards a multiscale approach for long-term chemical degradation*



Dr. Pieter Verboven (KU Leuven, Belgium): *Apples and pears: importance of the microstructure of fruit*



Prof. Dr. Amir Raof (Universiteit Utrecht, The Netherlands): *Upscaling of transport properties for reacting porous media*



Mark Brennan (Huntsman Polyurethanes, Belgium): *Transport phenomena in polyurethane foam microstructures*



Prof. Dr. Nick Schryvers (University of Antwerp, Belgium): *Transmission electron microscopy investigations of porous materials at various length scales*



Prof. Dr. Christ Glorieux (KU Leuven, Belgium): *Porous materials: from acoustic absorption to strut elasticity*



Dr. Pierre Colson (Université de Liège, Belgium): *Porous functional materials for energy applications*



Prof. Dr. Anne De Wit (Université Libre de Bruxelles, Belgium): *Influence of chemical reactions on CO₂ sequestration in porous media*

These young researchers presented their work via a micro presentation:

Gabor Schusztar (Université Libre de Bruxelles, Belgium): *Experimental study of pattern formation during carbon dioxide mineralization*

Elke Jacobs (SCK-CEN, Belgium): *Can diffusion of dissolved gasses provide information on the pore structure of low permeability materials?*

Shauvik De (TU Eindhoven, The Netherlands): *Viscoelastic flow modelling through porous media*

Tom Bultreys, (UGent, Belgium): *Investigating solute transport and multi-phase flow in geological porous media with fast laboratory-based micro-computed tomography*

Stijn Jonckheere (KU Leuven, Belgium): *Vibro-acoustic modelling and testing of poroelastic materials*

Özlem Gezici-Koç (TU Eindhoven, The Netherlands): *Magnetic Resonance Imaging of water transport through pores in coated wood*

Willem-Bart Bartels (Utrecht University, The Netherlands): *Kick-off of the InterPore Student Affairs Committee*

As last time, companies, active in porous media and research techniques related to porous media, presented their products and research, i.e., Bruker, Inside Matters, Comsol, XRE and Zeiss.

On behalf of the Interpore Council, Prof. Hans Janssen of KULeuven was awarded with the Interpore rosette for his efforts in organising this successful symposium.

Some final impressions of the day:

