

InterPore2023

Monday, 22 May 2023

MS13: 1.1 (10:50 - 12:35)

| time | [id] title | presenter |
|-------|--|----------------------|
| 10:50 | [607] Adsorbed Layer Transport Dominates Thin Film Evaporation in Nano Scale Confinements | Prof. BESKOK, Ali |
| 11:05 | [364] Bicontinuous Microemulsion in Porous Matrices | DAHL, Margarethe |
| 11:20 | [109] Fluid transfers in nanopores through dynamic NMR relaxometry | Mr MAILLET, Benjamin |
| 11:35 | [533] Spontaneous and electrocapillary imbibition dynamics in nanoporous media | Prof. PAN, Bin |
| 11:50 | [431] Nanometer-scale wetting of micro- and meso-porous carbons: a time-resolved synchrotron small-angle scattering analysis | CHALTIN, François |
| 12:05 | [822] Dynamical and thermodynamic aspects of evaporation of solutions from nanoporous media | TROSSEILLE, joachim |
| 12:20 | [642] Investigation of Catalyst Layer and Microporous Layer Liquid Water Saturation Level in Polymer Electrolyte Fuel Cell by Operando Small&Wide Angle X-ray Scattering | ALIYAH, Kinanti |

Thursday, 25 May 2023

MS13: 4.1 (09:15 - 10:45)

| time | [id] title | presenter |
|-------|--|------------------------------|
| 09:15 | [1007] Structure and adsorption mechanisms of hydrogen gas on water-saturated montmorillonite clay: A molecular dynamics study | Dr MUTISYA, Sylvia M. |
| 09:30 | [731] Confined fluids studied by total neutron scattering | FALKOWSKA, Marta |
| 09:45 | [746] Dynamics and Phase behaviour of Ionic Liquid Crystal confined in Nanoporous Alumina | Mr KOLMANGADI, Mohamed Aejaz |
| 10:00 | [64] Water diffusion in cellulose nanopores | COUSSOT, Philippe |
| 10:15 | [405] Surface interactions and reactions strongly impact ion adsorption and electrokinetic transport | Dr HARTKAMP, Remco |
| 10:30 | [859] Temperature-Dependent Behavior of Bicontinuous Microemulsions in Pores | HAVERKAMP, René |

MS13: 4.2 (14:00 - 15:30)

| time | [id] title | presenter |
|-------|--|-------------------|
| 14:00 | [700] Flow enhancement in nano-channels using surface acoustic waves | Dr DATTA, Saikat |
| 14:15 | [455] Bridging adsorption behavior of CH ₄ -CO ₂ binary systems across scales | Dr ARYANA, Saman |
| 14:30 | [922] Gas and Water Flow Regulations in Remolded Hydrate-hosting Porous Media Based on Non-Darcy Correction of the Pore Network Modeling | Ms ZHOU, Shanshan |
| 14:45 | [66] The phase equilibria of aqueous electrolytes in confinement under Martian condition | Mr WANG, Shaoheng |
| 15:00 | [313] Multiphysical pore-scale modelling of ion transport in variably saturated nanoporous media | Dr YANG, Yuankai |
| 15:15 | [239] A molecular dynamics study on dissolution and adsorption dynamics of CO ₂ with H ₂ impurity in oil reservoir | Dr CHEN, Cheng |