



# InterPore2023

## Monday, May 22, 2023

### MS22: 1.1 (10:50 AM - 12:35 PM)

time	[id] title	presenter
11:05 AM	[22] Noble metal coated high-aspect-ratio nanopore arrays and porous nanotube networks for catalysis in chemical synthesis and fuel cells	Prof. ENSINGER, Wolfgang J.
11:20 AM	[349] Towards multiphase transport layers - Binary pore size distributions with hydrogen bubble assisted electrodeposition	Dr MULARCZYK, Adrian
11:35 AM	[851] Removing size effect on 3D-printed material's strength by controlling its microstructure	Ms ZHANG, Xinrui
11:50 AM	[511] Interaction of bubble dynamics and manufactured porous electrodes in flow through membraneless water electrolysis	Dr NIBLETT, Daniel
12:05 PM	[996] Direct fabrication of porous 3D microstructures on silicon wafers for MEMS applications	ANDERSEN, Olaf
12:20 PM	[352] Scan Line Patterning: An Efficient Approach to Achieve Periodic Open Cell Structures in Selective Laser Melting	Mr LIMPER, Alexander

# Wednesday, May 24, 2023

## MS22: 3.1 (9:30 AM - 10:30 AM)

time	[id] title	presenter
9:30 AM	[81] Diffusion properties of the gas diffusion layer from three dimensional digital images of the fibrous substrate and the microporous layer	Mr AHMED MALOUM, Mohamed El Moustafa
9:45 AM	[45] MOF sensors for contaminant capture and detection: cooperative computational-experimental screening approach	IACOMI, Paul
10:00 AM	[189] An Efficient Method to Compute Capillary Pressure Functions and Relative Permeability Curves in Dual Porosity Systems Arising in LCM Processes	BECKER, Dominik
10:15 AM	[919] Generating multi-modal pore size distributions for low-density micro-porous carbons using virtual void method in quenched molecular dynamics simulations	BOEK, Edo