



# InterPore2022

## Monday, 30 May 2022

### **MS18: Parallel Oral Session 1A (10:50 - 12:20)**

time	[id] title	presenter
10:50	[462] Laboratory scale demonstration of cationic organics removal by graphene oxide nanosheets injection in porous media	BIANCO, Carlo
11:05	[269] Evaluation of zero-valent iron nanoparticles (nZVI) injection tests in porous media using synchrotron X-ray computed microtomography	PAK, Tannaz
11:20	[481] Long-term retention and leaching of PFAS in the vadose zone: controlling processes, mathematical formulation, and practical modeling approaches	Prof. GUO, Bo
11:35	[178] Transport and retention of nanoparticles in natural porous media-Effect of pore structure and geometry.	Mr DJOU FOPA, Raoul
11:50	[362] Pore-scale hydrodynamic and biogeochemical controls on manganese biomineralization in granular media	FADELY, Eleanor

### **MS18: Parallel Oral Session 2A (14:10 - 15:10)**

time	[id] title	presenter
14:10	[441] Regeneration of granular activated carbon by microwave (MW) irradiation and its application in a novel in situ regenerating permeable reactive barrier (PRB) approach (MW-PRB)	Prof. FALCIGLIA, Pietro Paolo
14:25	[440] Transport of Contaminant Slices under Unfavorable Viscosity Ratio in Porous Media with Dead-End Pores	Dr YUAN, Qingwang
14:40	[444] Fungi-enhanced in-situ bioremediation of NAPL: A microfluidics study	LEE, Sang
14:55	[350] Estimation of aquifer permeability using aquifer testing with fiber-optic Distributed Strain Sensing	ZHANG, Yi