

Poster Presentations

	TITLE	SPEAKER
P1	The role of crystallite size for the water adsorption properties of the metal-organic framework Zirconium Universitetet I Oslo-66 (Zr-UiO-66)	König Sandra
P2	Nanodisc-Monomicelle Directed Bamboo-like Mesoporous Silica Nanotubes for Enhanced Thermal Insulation	Huang Xirui
P3	From nano to centimetre scale: interaction and assembly of silica nanoparticles for the 3D printing of mesoporous monoliths	Gaillard Thomas
P4	Mesoporous TiO ₂ Single-Crystal Particles from Controlled Crystallization-Driven Mono-micelle Assembly as Efficient Photocatalyst	Yin Sixing
P5	Dual ions co-intercalation induced spontaneous and reversible phase replacement chemistry enables superior Zn ²⁺ storage	Zhang Xikun
P6	Mesochannels as Ion Reservoir to Boost the Salinity Energy Harvesting of One-dimensional Material-based Membranes	Yang Yi
P7	Electrolyte stability and highly active cathode design for aqueous batteries	Zhonghao Miao
P8	Inverse opal materials for photocatalytic conversion of renewable and low value biomass into value-added chemicals	Chen Jun
P9	Nitrogen/nickel-co-doped monodisperse hollow carbon spheres for controlled electrochemical CO ₂ conversion to syngas	Yang Yali
P10	Localized Surface Plasmon Mediates the Visible Light-responsive Lithium-Oxygen Battery with Au Nanoparticles on TiO ₂ Facet Heterojunction	Li Jing
P11	Experimentally measurable surface d charge as a descriptor for catalyst activity	Zhu Xiaojuan
P12	Synthesis of Hierarchical Single-Crystal ZSM-5 and SAPO-34 Zeolite	Wang Guan-Ying
P13	MWCNT-SiO ₂ composites and related silicas with tubular morphology and tunable bimodal hierarchical porosity	Garrido Blay Maria Dolores
P14	Suzuki-Miyaura cross coupling reaction catalyzed by chiral silica supported palladium	Yoshimori Shumpei
P15	Luminescent behavior of comb-like polymer possessing side-chain of Poly(N-cyanoethylethyleneimine)	Mori Keito
P16	Biopesticides based on essential oils encapsulated in mesoporous silica	Amoros Pedro
P17	Studying the formation of mesostructured particles via multi-scale scattering techniques	Schmitt Julien
P18	Naval-mine inspired antimicrobial peptide-loaded mesoporous silica nanoparticles to kill clinically relevant pathogens	Draphoen Bastian
P19	Synthesis of Fully Exposed Single-Atom-Layer Metal Clusters on 2D Ordered Mesoporous TiO ₂ Nanosheets	Duan Linlin
P20	Water-synthesized Porous Metal Organic Coordination Polymer Type based on Benzene diboronic acid and Cobalt: Supercapacitor performance.	Guzman-Vargas Ariel
P21	LDH-MOF Composites for Sulphur Dioxide Adsorption	Guzman-Vargas Ariel
P22	Control of the mesostructures, particle sizes and functionalities of mesoporous materials by polyion complexes	Gerardin Corine
P23	Characterization of surfactant-templated mesoporous zeolites	Galarneau Anne
P24	The influence of the sol-gel synthesis composition and the double-crosslinking on the structural properties of VTMS aerogels	Pisarek Aleksandra M.
P25	A Tandem Chemistry with Janus Mesopores Accelerator for Efficient Aqueous Batteries	Lipeng Wang
P26	Super-resolution imaging of antibody-conjugated periodic mesoporous organosilica nanoparticles	Durand Jean-Olivier

P27	Functional materials with hierarchical porosity produced using water as a templating agent	Buys Sébastien
P28	Hybrid mesoporous silica monoliths assembled by low-temperature sintering for the sorption of micropollutants	Korbi Amna
P29	The InGASE nomenclature for hybrid interfaces in porous materials	Bonneviot Laurent
P30	Incorporation of methylene blue into mesoporous silica nanoparticles for singlet oxygen generation	Xu Jianan
P31	Bioimaging and two-photon photodynamic therapy with innovative multifunctional organosilica nanoparticles	Charnay Clarence
P32	Non-covalently synthesis of porous organic salts	Yang Liuxi
P33	The physical origin of photoluminescence in carbon dots	Zong Yuxin
P34	Confinement effects - consequences for the thermodynamic system of water in the presence of nanopores with different surface polarities	Sazama Uta
P35	Chiral nanospheres hybridized with silica and complex of polyethyleneimine/Malic/Tartaric acid	Matsuda Riku
P36	Iron(III)-containing Nanoporous Silica Microspheres	Tanjindaprteep Similan
P37	NiMoS catalysts supported on mesoporous SBA-16 using oxalic acid: effect on the activity for hydrocarbons hydrodesulfurization	Urquieta-González Ernesto