Tuesday, May 16

18:00 - 20:00	**Registration**
19:00 - 20:00	**Welcome reception**

Wednesday, May 17

Room Megas Alexandros
Chair: Pantelis N. Trikalitis

09:00-09:10	**Welcome**
09:10-09:50	**Opening talk** **Prof. Omar Yaghi** Ultra-porous crystals for a changing planet
09:50-10:10	**3P Instruments, Diamond Sponsor** **Sebastian Ehrling** Investigating of an industrial adsorbent for Direct Air Capture by gas flow methods

	Room: Megas Alexandros Session A1 - Chair: Teresa J Bandosz	Room: Achilles Session B1 - Chair: Joumana Toufaily-Hamieh
10:10-10:30	**Angiolina Comotti** The dynamical world of metal-organic frameworks	**Invited Speaker** **Prof. Ali Trabolsi** Smart materials for drug delivery
10:30-10:50	**Charlotte Koschnick** Synthesis and real structure effects in Zr-Porphyrin-based MOFs	**Yizhou Yang** Interfacial synthesis of three-dimensional covalent organic framework films
10:50-11:15	**Coffee break**	
	Chair: Georges Mouchaham	Chair: José María Pedrosa
11:15-11:35	**Dominik Eder** Selective ligand removal as a poweful strategy towards advanced photocatalysts	**Matthias Thommes** Quantitative Assessment of Hydrophilicity/Hydrophobicity in Mesoporous silica by combining Adsorption, Liquid Intrusion and NMR-based techniques
11:35-11:55	**Anastasios Tasiopoulos** Fine tuning the hydrophobicity of a new Cu^{2+} 3-dimensional MOF through single - crystal coordinating ligand exchange transformations	**Hossein Kazemian** Green and facile synthesis of a novel biopolymer metal-organic-framework hybrid for a pH-controlled oral drug release system
11:55-12:15	**Julia Grüneberg** Towards 'Organic Zeolites' – Hybrid organic-inorganic frameworks from tetravalent silicate and aluminate tectons bridged by organic linkers	**Tania Hidalgo** Immune/Chemo-active nanoMOFs for anti-COVID multi-therapy

12:15-12:35	**Bassem Almaythalony** Three-membered ring structure in zeolitic imidazolate frameworks	**Theodore Lazarides** Synthesis and study of luminescent metal-organic frameworks: Sensing and white-light emission
12:35-12:55	**Lawson Glasby** Topological characterisation of MOFs in the Cambridge Structural Database (CSD)	**Giasemi Angeli** Continuous Breathing Rare-Earth MOFs Based on Hexanuclear Clusters with Gas Trapping Properties
12:55-14:30	**Lunch break***	
	Keynote Chair: Anastasios Tasiopoulos	
14:30-15:00	**Keynote Speaker** **Prof. Omar Farha** Myths vs. Reality: Smart and programmable sponges from basic science to implementation and commercialization	
	Room: Megas Alexandros **Session A2 - Chair: Anastasios Tasiopoulos**	**Room: Achilles** **Session B2 - Chair: Samir El Hankari**
15:00-15:20	**Gerasimos Armatas** Mesoporous Networks of Metal Chalcogenide Nanocrystals for Enhanced Photocatalytic Hydrogen Evolution	**Eleni Salonikidou** Utilization of (Bio)waste and commercial nanoporous activated carbons for the deep adsorptive desulfurization of diesel fuel
15:20-15:40	**Romy Ettlinger** Catch it – bind it – deactivate it: Metal-organic framework composites as active personal protective equipment	**Antonio Sepúlveda Escrbano** N-doped activated carbons from polymers - effect of steam activation conditions
15:40-16:00	**Anna Pnevskaya** Spectroscopic and DFT investigation of ethylene and 1-MCP binding sites in MOFs for food preservation technologies	**Laurent Perrier** Innovative hybrid materials for hydrogen storage
16:00-16:20	**Georges Mouchaham** Ti-MOFs as promising photocatalysts for H_2 production	
16:20-16:45	**Coffee break**	
	Chair: Pascal Van Der Voort	**Chair: Gerasimos Armatas**
16:45-17:05	**Jin Shang** Development of robust adsorbents with balanced binding affinity for ambient NO_2 adsorption	**Georgios Karanikolos** Development of cellulose-based composite adsorbents for CO_2 capture
17:05-17:25	**Calogero Giancarlo Piscopo** Activated carbon/Ni-MOF-74 composite with outstanding H_2S and NH_3 capture capacity	**Daniel Pereira** Understanding CO_2 sorption mechanisms in sustainable cellulose and chitosan aerogels

17:25-17:45	**Ali Al Shakhs** Modulator-directed synthesis of high density monolithic Zr-MOFs for exceptional volumetric hydrogen storage capacity	**Nitasha Habib** A novel IL/MOF/polymer mixed Matrix Membrane having Superior CO_2/N_2 Selectivity
17:45-18:05	**Alexandros Katsoulidis** Ordered mixed linker fcu Zr MOF with rhombohedral structure discovered by high-throughput synthesis	**Joeri Denayer** Intensification of CO_2 capture and separation with hybrid adsorbents for combined vacuum-temperature swing adsorption
	Keynote Chair: George Froudakis	
18:05-18:35	**Keynote Speaker:** **Prof. Mohamed Eddaoudi** MOF Chemistry: Design strategies to Applications	
18:35-20:00	**Poster Session 1**	
20:00	**Dinner***	

Lunch*

(*Available only for those having selected the all-inclusive package (accommodation and meals) of Aquila Rithymna Beach)

Dinner*

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