



Scientific Program

Saturday 15th of July, 2023

8:30 - 9:00	Registration and Breakfast		
9:00 - 9:20	Oral 1	K. Laszlo <i>Budapest University of Technology, Hungary</i>	Nitrogen implantation to graphene oxides: a radio frequency plasma treatment and computational approach. Implications for electrocatalytic application
9:20 - 9:40	Oral 2	J. Matos <i>Universidad Autonoma de Chile</i>	Experimental and theoretical studies of atrazine's adsorption on nanoporous carbons
9:40 - 10:00	Oral 3	M. Gilarranz <i>Universidad Autonoma de Madrid, Spain</i>	Carbon membranes for water filtration and catalytic treatment
10:00 - 10:20	Oral 4	Agnieszak Korus <i>Silesian University, Poland</i>	Residual char from biomass gasification as the flow-electrode for water desalination
10:20 - 10:40	Oral 5	A.S. Mestre <i>Universidade de Lisboa, Portugal</i>	Carbon materials as enrichment phases for trace analysis: nanoporosity versus surface chemistry
10:40 - 11:10	Coffee Break		
11:10 - 11:30	Oral 6	A.P. Carvalho <i>Universidade de Lisboa, Portugal</i>	Thermal regeneration of activated carbons used for pharmaceuticals removal
11:30 - 11:50	Oral 7	Wanlu Li <i>Montclair University, USA</i>	Antibacterial activities of sulfur-doped nanoporous carbon: the role of surface chemistry
11:50 - 12:50	Round table for discussion		

SATELLITE SYMPOSIUM TO CARBON 2023

Beyond Adsorption III: new perspectives and challenges for nanoporous carbons

Riviera Maya Cancun Mexico

sponsored by: **15th July 2023**









Electrodes for lithium batteries, Energy conversion and Storage, Photovoltaic devices, Fuel cell components, Imaging media, Photocatalysis, Sensors, and others...

13:00 – 15:00	Lunch		
15:00 - 15:20	Oral 8	D. A. Giannakoudakis <i>Aristotle University of Thessaloniki, Greece</i>	S- and N- doped reduced graphene oxide as a filler for nanocomposites with titanate nanotubes: boosting the additives-free selective photocatalytic oxidation of biomass-inspired chemicals
15:20 - 15:40	Oral 9	M. Andrade <i>Universidade de Lisboa, Portugal</i>	Carbon nanomaterials: key supports for heterogeneous catalysis?
15:40 - 16:00	Oral 10	C. Ania <i>CEMHTI, CNRS, France</i>	Electrochemical Reduction of CO ₂ on nanoporous carbons: a critical view to discriminate the roles of nanopores and surface functionalization
16:00 - 16:20	Oral 11	F. Ossler <i>Lund University, Sweden</i>	Studies of hydrogen and carbon in thermochemical conversion/carbonization of biomass and flour based sticks
16:20- 16:40	Oral 12	V. Fierro <i>University of Lorraine, France</i>	Evaluating hierarchy and connectivity in carbon materials through nitrogen adsorption
16:40- 17:00	Oral 13	T. J. Bandosz <i>The City College of New York, USA</i>	How might adsorption in pores affect the performance of porous carbon-based electrocatalysts?
17:00 – 18:00	Round table for discussion		
~19:00/19:30	DINNER		