



Brazil Time (UTC-3)	Monday, Nov 30 th			Tuesday, Dec 1 st			Wednesday, Dec 2 nd		Thursday, Dec 3 rd	
8:30 am – 8:50 am	Opening Ceremony 13EBA									
9:00 am – 9:45 am	Keynote 1: Paul Webley <i>Trapdoor Materials for Gas Separation</i>			Keynote 2: Conchi Ania <i>Combining gas adsorption and in situ XRD to describe unusual gas adsorption features of nanoporous materials</i>			Keynote 3: Mardônio Lucena <i>New perspectives in carbon based materials characterization</i>		Keynote 4: Carlos Grande <i>Top-bottom approach for design of biogas upgrading systems</i>	
9:45 am – 10:00 am										
10:00 am – 10:35 am	Plenary 1: Lev Sarkisov <i>From Crystal to Column: multiscale strategies in the design of PSA processes for carbon capture</i>			Plenary 3: Tereza Badosz <i>Towards highly efficient gas desulfurization adsorbents: exploring porosity development in biosolid- based materials</i>			Plenary 5: Philip Llewellyn <i>Adsorption induced flexibility in MOFs as viewed by calorimetry</i>		Plenary 6: Reiner Staudt <i>Investigation of Mixed Gas Sorption in Lab-Scale Experiment and Evaluation</i>	
10:35 am – 10:45 am										
10:45 am – 11:10 am	Invited Speaker 1: Alexandre Ferreira	Invited Speaker 2: Jailton Ferreira	Invited Speaker 3: Everaldo dos Santos	Invited Speaker 7: Lucas Meili	Invited Speaker 8: Nina Salau	Invited Speaker 9: E. Rodrigues-Castellón	Invited Speaker 13: Marcelo Castier	Invited Speaker 14: Marisa Beppu	Invited Speaker 17: Regina Moreira	Invited Speaker 18: Adriano Azzoni
11:10 am – 11:55 am	Oral Presentations 1	Oral Presentations 2	Oral Presentations 3	Oral Presentations 7	Oral Presentations 8	Oral Presentations 9	Oral Presentations 13	Oral Presentations 14	Oral Presentations 17	Oral Presentations 18
11:55 am – 12:10 pm	Q&A (PA)	Q&A (PG)	Q&A (BIO)	Q&A (PA)	Q&A (MSPA)	Q&A (SCAC)	Q&A (FA)	Q&A (BIO)	Q&A (PA)	Q&A (BIO)
12:10 pm – 2:00 pm	Lunch Break									
2:00 pm – 2:15 pm	Sponsored technical session 1			Sponsored technical session 2			Sponsored technical session 3		Sponsored technical session 4	
2:15 pm – 2:30 pm	Networking with sponsor 1			Networking with sponsor 2			Networking with sponsor 3		Networking with sponsor 4	
2:30 pm – 2:55 pm	Invited Speaker 4: Dilson Cardoso	Invited Speaker 5: Liliana Feris	Invited Speaker 06: Odélsia Alsina	Invited Speaker 10: Igor Bresolin	Invited Speaker 11: Sibele Pergher	Invited Speaker 12: César Abreu	Invited Speaker 15: Pedro Arroyo	Invited Speaker 16: Amaro Barreto Jr.	Invited Speaker 19: Marcos Prauchner	Invited Speaker 20: César Santana
2:55 pm – 3:40 pm	Oral Presentations 4	Oral Presentations 5	Oral Presentations 6	Oral Presentations 10	Oral Presentations 11	Oral Presentations 12	Oral Presentations 15	Oral Presentations 16	Oral Presentations 17	Oral Presentations 18
3:40 pm – 3:55 pm	Q&A (SCAC)	Q&A (AMB)	Q&A (Oral 6)	Q&A (BIO)	Q&A (SCAC)	Q&A (FA)	Q&A (PA)	Q&A (MSPA)	Q&A (SCAC)	Q&A (FA)
3:55 pm – 4:05 pm										
4:05 pm – 4:30 pm	Posters 1 (PA & PG)			Posters 2 (BIO & SCAC)			Posters 3 (FA & MSPA)		Posters 4 (AMB)	
4:30 pm – 5:15 pm	Q&A Session (Posters PA)	Q&A Session (Posters PG)		Q&A Session (Posters BIO)	Q&A Session (Posters SCAC)		Q&A Session (Posters FA)	Q&A Session (Posters MSPA)	Q&A Session (Posters AMB)	
5:15 pm – 5:50 pm	Plenary 2: Fateme Rezaei <i>Multicomponent Adsorptive Separation of CO₂, CO, CH₄, N₂, and H₂ over Core-Shell Zeolite@MOF Composite Adsorbents</i>			Plenary 4: Guilherme Dotto <i>Alternative adsorbents from wastes and its application for water decontamination</i>			GENERAL MEETING - BAS (Brazilian Adsorption Society) FOUNDATION		Closing Ceremony	
5:50 pm – 6:00 pm										

* Program is subject to change without notice.



Invited Speakers	Area	Title
IS 01: Alexandre Ferreira	PA	Water harvesting by MOF based TSA processes
IS 02: Jaílton Ferreira	PG	Development of adsorptive processes in natural gas purification - challenges and perspectives in the Brazilian context
IS 03: Everaldo Silvino dos Santos	BIO	Organosolv lignin/Fe ₃ O ₄ nanoparticles applied as textile dye adsorbent
IS 04: Dilson Cardoso	SCAC	Synthesis of a zeolite for drying natural gas
IS 05: Liliansa Amaral Feris	AMB	Adsorption of pharmaceutical compounds: challenges and perspectives
IS 06: Odélsia Leonor Sánchez de Alsina	FA	A diffusional approach to the kinetics of adsorption in biomass
IS 07: Lucas Meili	PA	Malachite Green adsorption onto Mytella falcata shells: preliminary studies
IS 08: Nina Paula Gonçalves Salau	MSPA	Computational intelligence applied to adsorption processes
IS 09: Enrique Castellon	SCAC	
IS 10: Igor Tadeu L. Bresolin	BIO	Ultrapure monoclonal antibodies: hydrophobic interaction chromatography as polishing step in downstream processing
IS 11: Sibebe Pergher	SCAC	Molecular sieves: tunable porosity materials for adsorption and catalytic processes
IS 12: César Augusto Moraes de Abreu	FA	Multicomponent adsorption: reconciling kinetic and equilibrium data
IS 13: Marcelo Castier	FA	Modeling Adsorption in Porous Solids with Equations of State for Confined Fluids
IS 14: Marisa Beppu	BIO	The influence of surface topology on macromolecular deposition in LBL (layer-by-layer) processes
IS 15: Pedro Arroyo	PA	Adsorption of H ₂ S from natural gas on activated carbon and zeolites at high pressures
IS 16: Amaro Barreto Jr	MSPA	Revisiting adsorption process engineering - challenges to connect confinement effects to conceptual design
IS 17: Regina Peralta Moreira	PA	CO ₂ capture using geoolymers
IS 18: Adriano Azzoni	BIO	Development and evaluation of adsorbents for plasmid DNA purification
IS 19: Marcos Juliano Prauchner	SCAC	The use of H ₃ PO ₄ activated carbons as support in catalysts intended for the production of biofuels through the hefa route
IS 20: Cesar Costapinto Santana	FA	Adsorção em interfaces óleo/água : aspectos da cinética e equilíbrio em sistemas com asfaltenos

Nomenclature:	
PA	Adsorption processes
PG	Oil and natural gas
BIO	Biotechnology
SCAC	Synthesis and characterization of adsorbents and catalysts
FA	Fundamentals of adsorption
AMB	Environmental
MSPA	Molecular modeling and simulation of adsorptive processes

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