

Programa IWLIME 2021

Hora Bolivia	Hora Expositor según su País	LUNES 8		
8:20		Apertura link Zoom		
8:30		Palabras Dr. Jaime Antezana Chairman 2021		
8:35		Palabras Dr. Marcelo Vera Vicerrector UCB		
8:40		Palabras Dr. Mario Grageda CELIMIN		
Chairman Ph. D. Jaime Antezana				
8:45	13:45	The hidden use of lithium in thermal energy storage systems: a bibliometric study	Luisa Cabeza	Universidad de Lleida - España
9:25	14:25	<i>Towards an energy harvesting and storage structural cell with a ferroelectric electrolyte</i>	Helena Braga	Universidad de Porto - Portugal
10:05	11:05	Environmental effects on the activation of Li-S bond from first principles	Zoloff Michoff	Universidad Nacional de Córdoba - Argentina
10:45	11:00	Descanso		
Chairman Ph. D. Guillermina Luque				
11:00	16:00	Towards sustainable and responsible lithium supply: methods, tools and key findings	Evi Petavratzi	British Geological Survey - Gran Bretaña
11:40	16:40	Carbon footprint of current and future lithium carbonate production in South America	Vanessa Schenke	Intitute of Enviromental Engeniering ETH - Suiza
12:20	13:20	The enhancement of the performance of photovoltaic parameters of NiOx thin films assisted silicon solar cell through down shifting conversion	Chandra Kunder	Universidad Católica del Norte - Chile
12:40	12:40	Water and brine under Bolivian legislation	Gary Corey	Geofísicos Potosí - Bolivia
13:00	8:00 del 9 de Noviembre	Use of salt hydrates for thermochemical energy storage for household application	Mohammed Farid	University of Aukland - Nueva Zelanda
13:40	Clausura			
Hora Bolivia	Hora Expositor	MARTES 9		
Chairman Ph. D. Arnaldo Visintin				
8:30	15:30	Recovery of Lithium from Brine with Bipolar Membrane Electrodialysis	Nalan Kabay	Ege University Izmir - Turquía
9:10	14:10	Lithium brines: microbial habitat, isolation of microorganisms and biological strategies to concentrate Li	Carolina Cubillos	Université Paris Saclay - Francia

9:50	14:50	Direct Lithium Extraction thanks to Li-Capt®, a hybrid material composed of polymeric fibers and LTO particles developed by Geolith	Geolith	Geolith - Francia
10:30	11:30	Design and dimensioning of a solar pilot plant for space heating and hot water production using phase change materials technology	Svetlana Ushak	Universidad de Antofagasta - Chile
11:10	11:20	Descanso		
Chairman Ph.D. Mario Grageda				
11:20	16:20	Composite solid electrolytes toward safer Lithium-metal cells	Julia Amici	Politecnico di Torino - Italia
12:00	12:00	Analysis of the reversibility of exergy thermal storage systems: applications for renewable energy use	Marcos Lujan	Universidad Católica Boliviana - Bolivia
12:20	21:50	Hydrothermal synthesis of silver decorated reduced graphene oxide (rGO) nanoparticles with effective oxygen reduction reaction activity for fuel cell	Monika Shrivastav	Malaviya National Institute of Technology, Jaipur Rajasthan - India
12:40	12:40	Modeling of a solar heating system with PCM's for the evaluation of its energy efficiency under different applicability ranges	Alejandro Zambrana	Universidad Católica Boliviana - Bolivia
13:00	14:00	Development of a BMED simulation model for lithium hydroxide obtaining from concentrated lithium chloride brines	Alonso Gonzales	Universidad de Antofagasta - Chile
13:20	14:20	Lithium adsorption and diffusion on doped g-C ₃ N ₄ Sheets	Flavia Lobo Maza	Universidad Nacional de Córdoba
13:40		Clausura		
Hora Bolivia	Hora Expositor	MIERCOLES 10		
Chairman Ph.D. Marcos Lujan				
8:20		Apertura link Zoom		
8:30	9:30	Lithium batteries: from the synthesis of active material to the cell in Argentina	Arnaldo Visintin	INIFTA - Argentina
9:10	10:10	Lithium anode protection using different materials	Guillermina Luque	Universidad Nacional de Córdoba - Argentina
9:50	10:50	Green Lithium Crucial to Energy Transition: From brine to LIBs Cathode Materials	Mario Grageda	Universidad de Antofagasta - Chile
10:30	10:30	Proposal for a technique to reduce the mass ratio of magnesium and lithium in the brine of the Salar de Uyuni through the use of cationic resins	Carolina Torrico	Universidad Católica Boliviana - Bolivia
10:50		Descanso		
Chairman Ph. D. David Amurrio				
11:00	12:00	Baterías de Ión-Li y post ión-Li: Que hacemos en el Laboratorio de Energías Sustentables de la Universidad Nacional de Córdoba	Ezequiel Leiva	Universidad Nacional de Córdoba - Argentina
11:40	11:40	Obtaining commercial grade Magnesium Chloride from Bischofite coming from the brine evaporation circuit of the Uyuni Salt Flat	Lin Machaca	Universidad Mayor de San Andrés - Bolivia

12:00	13:00	Comparación técnica en la producción de $\text{LiOH}\cdot\text{H}_2\text{O}$ a partir del proceso convencional y por electrólisis de membrana	Adrian Quispe	Universidad de Antofagasta - Chile
12:20	13:20	Electrochemical behavior of high surface nanostructured SnO_2/RGO composites as anode materials for Lithium-Ion batteries	Diana Pantoja	Universidad Nacional de Córdoba - Argentina
12:40	13:40	Quantification of Lithium using Lithium-7 qNMR	Rodrigo Mercado	SQM - Chile
13:00	13:20	Presentación de Posters		
13:40		Clausura		