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Monday 1st July

9:30 Registration
10:00 Opening ceremony
Details to be confirmed soon

13:00 Lunch

Scientific Session 1: Sustainability of extraction processes - Part A (2h10m)

14:45	**Sami Virolainen. Lappeenranta University of Technology, Finland** Separation and purification processes for lithium from primary and secondary sources
15:20	**Jaques Eksteen. Curtin University, Australia** Responsible and sustainable lithium production from mineral resources within the context of criticality and decarbonization
15:55	**Martín Iribarnegaray, CONICET, Universidad Nacional de Salta, Argentina** The water footprint of lithium mining in Argentina
16:15	**Cristobal Bonelli. Universidad de Antofagasta, Chile** Rethinking emissions reduction beyond the lithium-ion battery black box
16:35	**Marina Weinberg. Universidad Católica del Norte, Chile; University of Amsterdam, The Netherlands** Lithium off-sites: The backyard of green transitions

16:55 Coffee Break

Scientific session 2: Lithium batteries - Part A (1h50m)

17:25	**Ezequiel Leiva. CONICET, Universidad Nacional de Córdoba, Argentina** Modelling of Li-ion and post-Li-ion batteries: what we can learn at different scales
18:00	**Rafael Ferragut. Politécnico di Milano, Italy** Optimizing the mobility of Li-ions at the cathode/graphite interface by using a positron quantum probe diagnostic
18:35	**Mario Tagliazucchi. CONICET-University of Buenos Aires, Argentina** Simulation of the coupling between morphology and ionic currents in block-copolymer lithium electrolytes
18:55	**Mariela Ortiz, Centro Ibérico de Investigación en Almacenamiento Eléctrico (CIIAE), Spain** Advances in the architecture and the electrochemical performance of the active materials for electrodes of lithium batteries

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Tuesday 2nd July

Scientific Session 3: Lithium mining from current practices towards the future

2h05m

8.45	**Fabien Burdet, Eramet, France** Centenario-Ratones lithium project of Eramet
9:20	**Oswald Eppers, K-UTEC, Germany** Semi-quantitative comparison of solar evaporation and DLE approaches
9:55	**Ernesto Calvo, CONICET-University of Buenos Aires, Argentina** New electrochemical reactors for the sustainable extraction/recovery of lithium with intercalation electrodes
10:30	**Santiago Herrera, CONICET-Universidad de Buenos Aires, Argentina** Kinetic analysis of lithium ion intercalation at $LiMn_2O_4$ from South American salt-lake brines

10:50 Coffee Break

Scientific Session 4: DLE technologies part A **1h50m**

11:20	**Humberto Estay, AMTC, University of Chile, Chile** Membrane separation technologies as a synergic solution for lithium brine processing
11:50	**Amilton Botelho, University of Sao Paulo, Brazil** Li extraction from brine by electrodialysis: effect of co-ions in separation by commercial membranes
12:10	**Laura Vera, CONICET-Universidad Nacional de Jujuy, Argentina** Recovery of lithium carbonate, water and by-products from native brines via membrane electrolysis. A circular economy approach
12:30	**Carolina Arrua, CONICET-Universidad Nacional de Jujuy, Argentina** Direct lithium extraction employing manganese oxide-loaded polymeric membranes
12:50	**Emiel Vanneste, KU Leuven, Belgium** Exploring the use of lithium ion sieve materials for direct lithium extraction from low-concentration brines

13:10 Lunch, posters, and event with companies

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Scientific Session 5: DLE technologies part B 2h10m

16:15	**Alissa Kendall, University of California Davies, USA** Can circular economy and new technologies alone deliver sustainable lithium?
16:50	**Dominic Perroni, Schlumberger New Energy, USA** Extraction evolution, sustainable and integrated lithium production solutions
17:25	**In Su Park, Korean Institute of Geoscience and Mineral Resources, South Korea** Direct aluminate precipitation method for sustainable lithium recovery from salt-lake brine
17:55	**Marcelo Stainoh & Eleonora Erdmann, Universidad Nacional de Salta, Argentina** Assessing brine reinjection - A proposed framework

Wednesday 3rd July
Site visit

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Thursday 4th July

Scientific Session 6: Raw materials criticality and the circular economy 2h00m

8:45	**Florian Vidal, LIED, CNRS, Paris Cité University** Critical raw materials in the era of planetary transformations: The case of lithium
9:15	**Wu Chen, University of Southern Denmark** Flux analyses of raw material supply including Li for LIBs
9:45	**Emmanuel Hache, IFP Energies Nouvelles, France** Modelling the implications of the European critical raw materials act on the value chain of lithium: what consequences for producing countries?
10:05	**Saeed Rahimpour Golroudbary, Aalto University, Finland** Lithium circularity targets and its future criticality
10:25	**Ala'a Shqairat, University of Lorraine, France** Regulatory transition in Europe: Towards a circular economy in the lithium-ion battery sector for electric vehicles

10:45 Coffee Break

Scientific session 7: Sustainability of extraction processes - Part B 1h45m

11:15	**Emilio Bunel, University of Chile, Chile** Is lithium production in Chile sustainable?
11:50	**Claude Le Gouil, Institut de Recherche pour le Développement (IRD), France** **Franck Poupeau, CNRS-CREDA, France** The roads of the energy transition
12:20	**Araceli Clavijo, CONICET, Universidad Nacional de Salta, Argentina** Green fair energy transition? Access to and management of environmental information in the lithium triangle
12:40	**Manuel Olivera, CIDES, Universidad Mayor de San Andrés, Bolivia** Lithium, environmental impacts and high Andean salt flats in Argentina, Bolivia and Chile

13:00 Lunch

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Scientific Session 8: Extraction technologies applicable to multiple lithium sources 2h00m

14:30	**Mahmood Alemrajabi, Northvolt, Sweden** Advancements and challenges in lithium recycling in lithium-ion battery industry: Current Technologies, industry gaps, and Northvolt's Approach
15:00	**Lea Roquette, Chalmers, Sweden** Selective recovery of lithium from LiB blackmass
15:30	**Paras Paranthaman, Oak Ridge National Laboratory, USA** Direct lithium extraction from brines, minerals, and recycled batteries, current status and future prospects
16:00	**Woonkyoung Park, POSCO Holdings, South Korea** Exploring sustainable lithium extraction process

Talks highlighted in yellow are NOT confirmed.

16:30 Coffee Break

Scientific session 9: Sustainability of extraction processes - Part B 1h40m

17:00	**Jaqueline Edge, Imperial College London, UK** Biodiversity impacts of battery minerals
17:30	**Rosa Freitas, University of Aveiro, Portugal** Ecotoxicological impacts of lithium in estuarine bivalves in a global change scenario
18:00	**Verónica Irazusta, CONICET, Universidad Nacional de Salta, Argentina** Bacteria isolated from the Salar del Hombre Muerto: tolerance and capacity to remove lithium in solution
18:20	**Pablo Dellicompagni, CONICET-Universidad Nacional de Salta, Argentina** Integrating solar thermal energy for lithium carbonate production: a step toward energy transition

18:40-21:15 Posters and cocktail

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Friday 5th July

Scientific Session 10: DLE technologies - Part C 2h30m

8:45	**Franck Despinos, TotalEnergies, France** Sustainable sourcing of strategic raw materials for energy companies, a focus on DLE from O&G produced water, pilot results & perspectives from Dallas, US
9:15	**Alejandro Quilodran, Syensqo, USA** Increase the production by lithium recovery from mother liquor through solvent extraction with CYANEX®936P
9:45	**Giorgio de Luca, CNR-ITM, Università della Calabria, Italy** A multiscale modeling of ion transport in membranes
10:15	**Abdoul Fatta Kiemde, University of Lorraine, France** Direct boron extraction from continental brine by 2-butyl-1-octanol within the framework of lithium production
10:35	**Jonas Sottman, Norsk Hydro, Norway** Hydro batteries' lithium technology activities - Challenges and opportunities of lithium extraction from unconventional resources
10:55	**Nand Peeters, KU Leuven, Belgium** Overview of lithium R&D by SOLVOMET

11:15 Coffee Break

Scientific session 11: Lithium batteries - Part B 2h10m

11:35	**Silvia Bodoardo, Politecnico di Torino, Italy** Battery2030+ initiative can be the driver of the European research on batteries? Post Lithium ion technologies and disruptive technologies for future storage systems
12:05	**Guillermina Luque, CONICET, Universidad Nacional de Córdoba, Argentina** Use of biocarbons in lithium-ion batteries
12:35	**Patricio Alastuey. CONICET-Universidad Nacional de Jujuy, Argentina** Hexagonally shaped nano-sized alpha-$Ni(OH)_2$ sheets as active materials in LiB's anodes
12:55	**Almudena Benitez, IQUEMA, Universidad de Córdoba, Spain** Progress in sustainability for metal-sulfur batteries: Transitioning from lithium to sodium
13:15	**Martín Zoloff Michoff. CONICET-University of Córdoba, Argentina** xxxx
13:30	**Betzabeth Briceño, Universidad de Buenos Aires, Argentina** Educational Learning Modules on Li-ION batteries

13:45 Lunch & closing