

21st Cologne Process Engineering Conference

Brine Mining

January 27, 2023 from 8:30 to 13:30

Join the Conference via ZOOM from 8:15 to 8:30

<https://th-koeln.zoom.us/j/85269821913>

Meeting-ID: 852 6982 1913

Kenncode: 904656

Conference Program

Speaker		Time
Gerd Braun	Welcome to the 21th Cologne Process Engineering Conference	08:30
Jannik Adelberger	Recovery of lithium carbonate from salt lake brines by an integrated membrane process	08:40
Anne Marie Schwegmann	Nanofiltration Membrane Process of Lithium From Salt Lake Brines	09:05
Zineb Elkhale	Lithium recovery from brines using an integrated process with nanofiltration (NF) and membrane distillation (MD)	09:30
	Coffee break	09:55
Abderrahim Oulhassane	Lithium extraction from salt lake brines by electrodialysis membrane	10:05
Matthias Raphael Latton	Lithium extraction from seawater	10:30
Daniel Reinert	Boron extraction from seawater in reverse osmosis desalination plants using ion exchange resins	10:55
Julian Reese	Uranium Recovery From Seawater Comparison and Opportunities	11:20
	Coffee break	11:45
Julian Destici	Eutectic freeze crystallization in brine treatment and sodium sulfate production	11:55
Manal Hizouni	Membrane distillation-crystallization of seawater reverse osmosis brines for water recovery and NaCl crystallization	12:20
Dilan Benedict Emmanuel	Power generation from brines by reverse electrodialysis	12:45
	Short break	13:10
	Best presentation award	13:20
	End of conference	13:30