

POSTCONVENTION WORKSHOP

W-8: Critical Minerals and Rare Earth Elements (REEs): Technologies and other Considerations

George R. Brown Convention Center, Room 372A

Start	Stop	Presentation	Speaker	Affiliation
1:30 PM	1:35 PM	Introduction	Daisy Ning	Clemson University
Session 1: Technical Talks				
1:35 PM	1:55 PM	Evolving Subsurface Modeling and Data Integration Needs for Lithium Brines and In-Situ Mining Systems	Maria Eugenia Lascano	SLB
1:55 PM	2:15 PM	Distributed Strain Sensing for Early Detection of Seepage-Induced Drift Crown Deformation in Underground Hard Rock Mines	Daisy Ning	Clemson University
2:15 PM	2:35 PM	Multiscale Detection of Aluminum beneath Coal	Suzhen Shi	China University of Mining and Technology
2:35 PM	2:55 PM	Improving Critical Mineral Supply Chains through Geophysical Innovation and Policy Engagement	Scott Hammond	Bell Geospace
2:55 PM	3:15 PM	Advancing critical mineral exploration through deep generative models and hypothesis testing	Jiajia Sun	University of Houston
3:15 PM	3:35 PM	Characterizing the geologic controls and geophysical signatures of REE deposits at Mountain Pass	Jiajia Sun	University of Houston
3:35 PM	3:50 PM	Break		
Session 2: Panel Discussion				
3:50 PM	4:50 PM	Panel Discussion	Speakers and Attendees	
4:50 PM	5:00 PM	Closing Remarks	Erkan Ay	Eastern Gas Transmission and Storage