

2024 Workshops

Monday Oct 7, 2024			
09:30-12:30	WORKSHOP 1 Mixing and Coating Technologies in Battery Electrode Manufacturing <i>Workshop agenda:</i>	WORKSHOP 2 China Battery Industry Technology Innovation Trends 2024 <i>Workshop agenda:</i>	WORKSHOP 3 Battery Recycling <i>Workshop agenda:</i>
	<ul style="list-style-type: none"> • Requirements and success factors in mixing • Types of mixing processes • Scale up considerations for Mixing • Mixing trends in the industry • Requirements and success factors in coatingWet Coating types • Integrated Air and NMP ManagementMeasurement methods • Trends 	<ul style="list-style-type: none"> • Nano-Silicon Anodes • LMFP/NMC Bland Cathodes • Manganese Rich Cathodes (Mn-Rich) • Porous Current Collectors • Composite Current Collectors • Change Phase Blocking Propagation Materials • 18650, 21700, 46800, 60mm Cylindrical Cells including 21700 and 32140 • Tables cells • Na-Ion (Sodium Ion) Cells • LMFP Cells • Semi-Solid & Solid-State Cells • Lithium Sulfur Cells • Lithium Metal with Liquid Electrolyte Cells • Fast charging LFP Cells • Primary Cells 	<p><i>To Be Announced</i></p>
	Workshop Leader David Ventola, Business Development Director, Durr USA Bnernhard Stalder, Principal Process Engineer, Buhler Group	Workshop Leader Shmuel De-Leon, CEO, Shmuel De-Leon Energy Ltd.	Workshop Leader To Be Announced
12:30-01:30	Networking Lunch		
01:30-04:30	WORKSHOP 4 Battery 101 <i>Workshop agenda:</i>	WORKSHOP 5 Battery Safety – Reducing Battery Safety Risks <i>Workshop agenda:</i>	WORKSHOP 6 Lead Acid Battery <i>Workshop agenda:</i>
	<ul style="list-style-type: none"> • Apply electrochemical basics to the field of battery technology and the main components and chemistries. • Describe the manufacturing process of batteries and assess different types by battery specifications. • Navigate where they fit into the battery space, analyze how battery technology impacts the world and development towards a sustainable future. 	<ul style="list-style-type: none"> • This workshop focuses on portable, stationary, and automotive battery safety along the battery cycle life (acceptance, testing, assembly, use, transportation, and disposal). • This training incorporates Shmuel De-Leon’s and other experiences on battery safety, representing over 26 years of work in the field. • This training provides attendees with the knowledge needed to safely handle the batteries in their organization, and to support reduction in safety events. 	<p><i>To Be Announced</i></p>
	Workshop Leader Simon Engelke, Founder & Chair, Battery Associates	Workshop Leader Shmuel De-Leon, CEO, Shmuel De-Leon Energy Ltd.	Workshop Leader The Consortium for Battery Innovation