

Sourcing, and Supply Chain  
Next-Gen Materials  
Battery Safety and Thermal Management

EV Infrastructure and Charging  
Innovations Driving Efficiency in E-Mobility  
Intelligent Systems Integration for EV Advancements

Production and Upscaling  
Regulatory and Market Insights  
Sustainability, Recycling and End of Life

Day 1

Tuesday, 18th June 2024

### Morning Sessions

9:00am-  
9:15am

Welcome & Chairman's Address  
Bob Galyen - Galyen Energy

Welcome

9:15am-  
10:00am

Keynote Panel: Challenges and Opportunities for European Cell Manufacturing  
Sebastian Wolf, COO, Powerco  
Benoit Lemaignan, CEO and Co-Founder, Verkor  
Additional Speaker Announcements coming soon

Panel

10:00am-  
10:45am

Race for the most advanced gigafactory  
Dr Fabian Duffner, Partner - Global Lead Advanced Technologies, Porsche Consulting

Keynote

10:45am-  
11:15am

### Coffee Networking Break

11:15am-  
11:45am

#### Track A: Sourcing, and Supply Chain

Technical Session: The updated battery supply-demand perspective in the wake of a slowing EV momentum  
Speaker Announcement coming soon

#### EV Infrastructure and Charging

Session announcement coming soon

#### Track C: Production and Upscaling

Technical Session: Scaling European battery production – fast, reliable and cooperative  
Hannes Schmuser, CEO, Durr Systems  
German Wankmiller, CEO, GROB-WERKE GmbH & Co. KG  
Martin Drasch, CEO, Manz AG

Technical Sessions

11:45am-  
12:15pm

Technical session: Key challenges to setup a competitive LFP/LFMP supply chain to serve the European market – Cost benchmark China versus Morocco versus Europe for different processes and raw materials  
Fabrice Renard, Senior Advisor, Avicenne Energy

Technical Session: Is EV Charging Infrastructure keeping the pace?  
Shan Tomouk, Charging and Energy Research Lead, Rho Motion

Technical Session: Potentials of Digitalization in Battery Cell Manufacturing,  
Philipp Wunderlich, Senior Manager Battery Technology, Accenture

Technical Sessions

### Networking Lunch

	Sourcing, and Supply Chain	EV Infrastructure and Charging	Production and Upscaling	
	Next-Gen Materials	Innovations Driving Efficiency in E-Mobility	Regulatory and Market Insights	
	Battery Safety and Thermal Management	Intelligent Systems Integration for EV Advancements	Sustainability, Recycling and End of Life	
Day 1	Tuesday, 18th June 2024			
<div>1:45pm-2:15pm</div> <div>2:15pm-2:45pm</div> <div>2:45pm-3:05pm</div> <div>3:05pm-3:25pm</div> <div>3:35pm-3:55pm</div> <div>4:00pm-4:30pm</div>	Afternoon Sessions			
	Technical Session: Ensuring Battery Quality across the Supply Chain: A Comprehensive Approach to Total Battery Production Quality Reda Belarbia, Business Development and Battery Practice, Hexagon	Technical Session: Energizing Mobility: Grid Resilience for Sustainable Clean Transportation Speaker Announcement coming soon	Technical session: 3D Battery – A Superior Alternative to Solid-State Batteries Mike Rosenberg, CEO, Prieto Battery, Inc.	Technical Sessions
	Technical Session: The future of battery costs as determined by technology, raw materials, location, and policy Aaron Wade, Head of Battery Costs - Exawatt	Technical Session: Revolutionizing Electric Vehicle Charging: The D-SEe Project and ULTEVATE Ultra Battery Breakthrough Speaker announcement coming soon	Technical session: Scaling next generation solid-state batteries Celestine Singer, Senior Applications Engineer, Factorial Energy	Technical Sessions
	Lightning talk: Charging Forward with Sodium-ion Batteries: Can the Supply Chain Meet Need for Large Scale Deployment? Brigita Darminto, Senior analyst, Benchmark Material Intelligence	Session announcement coming soon	Lightning Talk: Battery Manufacturing Potential of Europe Speaker announcement coming soon	Lightning Talks
	Lightning Talk -- How the European battery industry can secure a stable and cheap supply of critical raw materials Speaker announcement coming soon	Lightning Talk - Battery Storage Technology and Trends Iola Hughes, Rho Motion	Lightning Talk - Charging Ahead: Revolutionizing Battery Manufacturing in Europe's EV Boom Speaker announcement coming soon	Lightning Talks
	Coffee Networking Break			
	How a connected approach to battery management will drive the future of EVs. Timothy Engstrom, Technical Lead Elysia - Battery Intelligence from Fortescue Williams Advanced Engineering			
	Leading the transition to a decarbonized transport system Speaker Announcement coming soon			
	Conference Day 1 Closes Drinks Reception			

	Sourcing, and Supply Chain		EV Infrastructure and Charging	Production and Upscaling	
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Day 2	Wednesday, 19th June 2024				
9:00am-9:30am	Morning Sessions				
	Networking Breakfast				
9:30am-10:30am	Efficient policies for a competitive European automotive sector				Panel
	Sven Jantzen, Director Government Affairs, Umicore AG & Co. KG Franz Geyer, Head of Technology Cluster, BMW Douglas Johnson-Poensgen, Founder and CEO, Circulor Prof. Dr. Thomas Knothe, Head of Department Process Management and Factory Planning, Fraunhofer IPK Moderator - Tilmann Vahle, Director Sustainability and Batteries, Systemiq				
10:30am-11:10am	Integrating Extreme Fast Charge Capability in the EVs of tomorrow, today - Amir Tirosh, COO, storedot				
	Additional Speaker Announcement coming soon				
11:10am-11:30pm	Coffee Networking Break				
11:30am-12:00pm	Track A: Next-Gen Materials	Track B: Innovations Driving Efficiency in E-Mobility	Regulatory and Market insights		Technical Sessions
	Technical Session: Transforming Cell Industry: Sodium-Ion Batteries in Automotive and Beyond – Market Trends, Challenges and Innovations in Battery Development and Manufacturing. Speaker Announcement coming soon	Technical session: How to measure and optimize electrolyte-electrode interactions Speaker Announcement coming soon	Technical Session: Localized battery value chains in Europe – How strong is the announced political support? Jochen Di Vincenzo, Senior Consultant, P3 Auotmotive GmbH		
	12:00pm-12:30pm	Technical Session: Closing the Loop Between Material Manufacturing and Cell Development Using High-Throughput Dr Odysseas Paschos, European Business Director, Wildcat Discovery Technologies Inc.	Technical session: From Concept to Reality: Bentley and AEM’s collaborative advancement for high-performance e-axle solutions Dr James Widmer, Chief Executive Officer and Co-Founder, Advanced Electric Materials Additional Speaker Announcement coming soon	Technical Session: Requirements and Best Practices: Mastering the EU Battery Passport Regulation Ankit Singla, Global Head for Track & Trace Practice, Engineering Industries eXcellence	
12:30-pm 2:00pm	Networking Lunch				

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Day 2	Wednesday, 19th June 2024			
	Afternoon Sessions			
2:00pm-2:30pm	Technical Session: Navigating the Future: ESG, Geopolitical Considerations, and the Rise of Sodium-ion Batteries Otto Kivi, Senior Business Developer, Stora Enso Bjorn Marlid, CEO, Altris AB	Technical Session: Transformative Electrode-to-Pack (ETOP) technology leveraging 24M Semi Solid Manufacturing Platform for low cost, high energy density battery systems William Varian, Senior Product Manager, 24M Technologies	Technical Session: EV Residual Value - On the technological challenges of EV battery appraisal Speaker Announcement coming soon	Technical Sessions
2:30pm-3:00pm	Technical Session: Can Europe crack China's Graphite Code? Producing Sustainable Battery Raw Materials locally Speaker Announcement coming soon	Technical Session: Revolutionizing Battery Electrode Evaluation Speaker Announcement coming soon	Technical Session: Li-Ion 46mm Cylindrical Hard Case Cells Market 2024 Shmuel de Leon, Shmuel de Leon Energy	Technical Sessions
3:00pm-3:20pm	Lightning Talk: Who will win the race to sodium-ion battery commercialisation? Shazan Siddiqi, Senior Technology Analyst, IDTechEx	Lightning Talk: Innovations in Anode Binders: Enhancing Battery Performance and Manufacturing Efficiency Dr Ebrahim Abouzari Lotf, Battery Application Scientist, Trinseo	Lightning Talk: Scaling a sustainable battery supply chain: carbon declarations and Life Cycle Assessment (LCA) Sarah Colbourn, Acting Head of Sustainability, Benchmark Mineral Intelligence	Lightning Talks
3:20pm-3:40pm	Lightning Talk: Advancing Next-Generation Battery Materials Greg Yakovlev, Director, Delph 25 ltd	Lightning Talk: How physical-based models are used to reduce battery testing efforts and to cut battery development time Juergen Schneider, Senior Solution Manager Virtual Battery Development, AVL	Lightning Talk: Rechargeable Battery Market 2023-2030 Christophe Pillot, Director Avicenne Energy	
3:55pm-4:15pm	Empowering Europe’s EV Battery Workforce: Upskilling Strategies for Mass Production Speaker Announcement coming soon			Keynote
4:15pm - 5:00pm	Energizing Sustainability: A Deep Dive into Greener Battery Technologies in Europe Speaker Announcement coming soon			Closing Panel
	Conference Day 2 Closes			

Day 3	Thursday,20th June 2024				
9:00am-9:15am	Chairman's Closing Address				
9:15am-10:15am	Designing a Collaborative Path to Sustainable Battery Manufacturing Speaker Announcement coming soon				Keynote
10:15am - 10:45am	From Concept to Road: The Journey of Automotive Cells Company in Reshaping the Electric and Hybrid Vehicle Landscape Yann Vincent, CEO, ACC				Case study
11:00am-11:30am	Track A: Battery Safety and Thermal Management	Track B: Intelligent Systems Integration for EV Advancements	Track C: Sustainability, Recycling and End of Life	Technical Sessions	
	Technical Session: Analysis and testing of immersion-cooled battery module for aircraft application Speaker Announcement coming soon	Technical Session: Safer, more reliable batteries – faster: expediting battery development with AI-guided testing Richard Ahlfield, CEO, Monolith AI	Technical Session: Going Green: Morrow's Simple Path to Sustainable Batteries Andreas Maier, COO, Morrow		
	Technical Session: Thermal management of fast-charging stations with integrated battery storage Norbert Heublein, KREISEL Electric GmbH	Technical Session: AI-Powered Battery Assistants: Exponentially Scaling Battery Know-How Speaker Announcement coming soon	Technical Session: Identification and quantification of potentials for enhanced sustainability in the battery cell value chain Daniel Slak, Fraunhofer-Einrichtung Forschungsfertigung Batteriezelle FFB		
11:30am-12:00pm				Technical Sessions	
12:00pm-1:20pm	Networking Lunch				
1:20pm-1:40pm	Lightning Talk: Improving Safety of Commercial Electric Vehicles: test results of a new thermal management system developed with a Swedish OEM Avinoam Rubenstein, CEO, Carrar	Lightning Talk: The digital battery: advanced physical simulation models for cell development and production processes Jochen Zausch, Senior Scientist, Fraunhofer	Lightning Talk: Long-term forecast of the production of recycled key metals for batteries Dr Remi Cornubert, President and Founder, Strat Anticipation	Lightning Talks	
1:40pm-2:00pm	Lightning Talk: Innovative Technology on Pre-heating Solution & Thermal Propagation for EV Battery Richard Kwon, Chairman, BS Technics	Lightning Talk: Battery in the Cloud: Cloud-based analysis, prediction and optimization of high-voltage batteries over lifetime. Tobias Hulsing, Snr Expert for Cloud Based Battery Services, Robert Bosch GmbH	Lightning Talk: Empowering sustainability: navigating challenges in battery recycling for a circular European future Speaker Announcement coming soon	Lightning Talks	
2:10pm-3:00pm	Beyond Standard Charging: Exploring Battery Design and Optimization for Swapping Speaker Announcement coming soon			Keynote	
	Conference Closes				