

Tuesday Wednesday Thursday

13th July

Room	Conclusion	Fantasie 1	Harmonie 1	Harmonie 2	Illusion 2	Illusion 1	Spektrum
9:00 AM			KEYNOTE: World market Sven Bauer BMZ Innovation Group	KEYNOTE: World market Sven Bauer BMZ Innovation Group			
10:00 AM			KEYNOTE: Global electric vehicle status and outlook	KEYNOTE: Global electric vehicle status and outlook			
11:00 AM	COFFEE BREAK						

	<p>Tailor made cell performance and abuse testing for powertools and automotive applications</p> <p>Jochen Mählis VDE Renewables GmbH</p>	<p>Battery Transport Packaging: Today's Case Studies and Tomorrow's Solutions</p> <p>Christian Hemming ORBIS Europe</p>	<p>The new EU battery regulation and the impact on traction battery systems for commercial vehicles</p> <p>Bjoern Eberle Akasol AG</p>	<p>Digital sustainable supply chains for batteries</p> <p>Tilmann Vehle SystemIO</p>	<p>Eco-Design 2.0</p> <p>Michael Claus iW GmbH</p>	<p>Heraeus Porocarb - The porous carbon to boost battery performance</p> <p>Moritz Hantel Heraeus Battery Technology GmbH</p>	
12:00 PM	<p>Manoeuvre based testing of automotive traction batteries</p> <p>Riccardo Bartolozzi Fraunhofer-Institute for Structural Durability and System Reliability L...</p>	<p>Learning from burning: The challenge of recovering a damaged BEV battery and transporting it in a critical condition</p> <p>Michael Knobloch ---</p>	<p>Beyond Li-Ion battery High Energy and Power Cells Market 2020</p> <p>Shmuel De-Leon Shmuel De-Leon Energy, Ltd.</p>	<p>End-to-end electric vehicle fleet data analysis</p> <p>Christoph Loytved COMPREDICT GmbH</p>	<p>GBA Battery Passport - a key instrument to build a responsible and sustainable Battery value chain</p> <p>Torsten Freund BASF SE</p>	<p>Battery Intelligence in action: How to launch an EV</p> <p>Tal Sholkapper Votaiq</p>	<p>Divergent approaches to solid-state Li-ion batteries</p> <p>Pirmin Utmann b-sience.net LLC</p>
	<p>Battery cell characterization using optical thickness measurement</p> <p>Luolana Pitta Bauermann</p>	<p>Smart Storage of Li-Ion-Batteries</p> <p>Andre Horstenkamp DÖPERTHAL Sicherheitstechnik GmbH & Co. KG</p>	<p>Strategies to avoid battery raw material shortages</p> <p>Dennis Roman Gallus Roland Berger GmbH</p>	<p>Next Generation Battery Technologies for High Performance Electric Vehicles</p> <p>James Hoxey Williams Advanced Engineering</p>	<p>Future of producer responsibility for batteries</p> <p>Christian Eokert ZVEI e.V.</p>	<p>Herausforderungen der Entwicklung leistungsfähiger Batteriepacks und deren Sicherheit</p> <p>Tobias Mayer Lion Smart GmbH</p>	<p>Enhancing the Flexibility, Sustainability and Efficiency of Battery Manufacturing through 3d-Printing</p> <p>David Flachsenberger ---</p>
1:00 PM	LUNCH BREAK						
2:00 PM	LUNCH BREAK						
	<p>Impacts of Trigger Mechanism on Thermal Runaway Behavior of Commercial Lithium Ion Cells as Characterized by Fractional Thermal Runaway Calorimetry (FTRC)</p> <p>---</p>	<p>Safe storage of Lithium-Ion-Batteries</p> <p>Markus Böberg DENIOS SE</p>	<p>CO2 neutral battery manufacturing in Europe with selected deep dives into cell manufacturing</p> <p>Robert Štaneč P3 automotive GmbH</p>	<p>Potentials, Challenges, and Solutions for Lithium Ion Batteries in Heavy Commercial Vehicles</p> <p>Felix Traub ABB</p>	<p>Berechnung CO2 Footprint</p> <p>Wenzel Prochazka AVL List GmbH</p>	<p>Kärcher Battery Platforms and Future Battery Perspective</p> <p>Jan Becker Alfred Kärcher SE & Co. KG</p>	<p>Development of lithium-ion cells - development steps from sketch to series production</p> <p>Daniela Werlich CUSTOMCELLS®</p>
3:00 PM	<p>Influence of ageing on the safety of Lithium-ion batteries</p> <p>Georgi Kovachev TU Graz, VSI</p>	<p>Multimodal Transport Rules of Lithium Batteries</p> <p>Marco Ottaviani OTTAVIANI MARCO (Dangerous Goods Safety Adviser)</p>	<p>Applications that benefit from LTO batteries - Why Euro/kWh is NOT Everything</p> <p>Volker Bohumann Toshiba Electronics Europe GmbH</p>	<p>Battery Supported High Power Charger (HPC) - make ultra fast charging of electric vehicles possible everywhere</p> <p>Thorsten Ochs ---</p>	<p>Li-ion battery recycling - a Hydro-mechanical process</p> <p>Daniel Horn Fraunhofer IWKS</p>	<p>Pack Integration</p> <p>Dominik Lemke SVOLT Energy Technology (Europe) GmbH</p>	<p>Recent trends in adding silicon to LIB anodes for automotive applications</p> <p>Bucena Darma Batronics AG</p>
	<p>Battery Diagnosis using Field Data</p> <p>Claudius Jehle volylca diagnostics GmbH</p>	<p>Safe handling of toxic or valuable bulk material</p> <p>Hannes Plangger Hecht Technologie GmbH</p>	<p>Murata value creation for the battery pack and its applications</p> <p>Koichiro Kezuka Murata Elektronik GmbH</p>	<p>Battery development for an electric Propulsion in a hybrid aircraft</p> <p>Rainer Klein DHBW-Mosbach</p>	<p>Innovative closed-loop Recycling for Lithium-Ion-batteries</p> <p>Nils Steinbrecher TES-AMM Central Europe GmbH</p>	<p>Covestro empowers electrification: modular battery pack for Light Electric Vehicles</p> <p>Miguel Venancio Lopes Covestro Deutschland AG</p>	<p>Addressing Safety and Cost by choosing best Functional Fillers for Electrode & Separator Coatings and Gap Fillers</p> <p>Yuejiang Liang ---</p>
4:00 PM	COFFEE BREAK						

5:00 PM

The Fly in the Ointment: Quality Assurance for Lithium-Ion Batteries

Alexander Gille
Safion GmbH

Stationary storage - a second-life buffer application

Stephan Lux
Fraunhofer ISE

Impact of the EV Market Growth on Lithium-Ion Batteries

Fabrice Renard
AVICENNE Energy

Light weighting energy storage in automotive

Malcolm Earp
Ultimate Battery

DGEE & Klimaschutzkonzept der EU

Thomas Rüd
Kompetenz Zentrum eMobilität & erneuerbare Energien

EAS Batteries – development partner of choice for next generation lithium-ion cells

Michael Deutmeyer
EAS Batteries GmbH

Material costs development of LIB and ASSB

Christoph Neef
Fraunhofer ISI

Safety-related Tests for Traction Batteries

Johannes Teigelkötter
Hochschule Aschaffenburg

Bigger than Giga - does the lithium ion battery supply chain align with the pending wave of demand

Casper Rawiec
Benchmark Mineral Intelligence

The Battery Passport How technology drives sustainable and circular solutions

Luise Müller-Hofstede
Circular

Remote Laser Welding Components for E-mobility with the Help of Image Processing

Matthias Kühnel
IL-VI HIGHWAG Lasertechnologie...

The shift in the role of manganese to high performance batteries

Raymond Malcolm Oel
Stem

Improve battery materials testing using Isothermal Microcalorimetry

Christian Ortmann
TA Instruments - Waters GmbH

Chemischer Speicher für die Energiewende, und die SENEK als Lösungsanbieter nachhaltiger und autarker Energieversorgung

Dirk Neumann
...

Northvolt and the world's greenest battery

Peter Blomquist
Northvolt AB

Case Study - E-Bus Battery Evolution

Tomasz Ciszek
BMZ Poland Sp. z o.o.

Maximizing the battery life-cycle – standardization as the basis for the circular economy

Alexander Wels
SCIO Technology GmbH

Battery-as-a-Service: Geteilte Energiespeicher bringen die Energiewende und Elektromobilität zum Durchbruch

Christoph Stürmer
...

Rechargeable zinc batteries: state-of-the-art, perspectives & challenges

Jean-Francois Drillet
DECHEMA-Forschungsinstitut

6:00 PM

GET-TOGETHER