

# 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						
	Tailor made cell performance and abuse testing for power tools and automotive applications Jochen Mähliß VDE Renewables GmbH	Battery Transport Packaging: Today's Case Studies and Tomorrow's Solutions Christian Hemming ORBIS Europe		The new EU battery regulation and the impact on traction battery systems for commercial vehicles Bjoern Eberle Akasol AG	Digital sustainable supply chains for batteries Tilmann Vahle SystemIQ	Eco-Design 2.0 Michael Clauß IAV GmbH	Heraeus Porocarb - The porous carbon to boost battery performance Moritz Hantel Heraeus Battery Technology Gm...
12:00 PM	Manoeuvre based testing of automotive traction batteries Ricardo Bartolozzi Fraunhofer-Institute for Structural Durability and System Reliability...	Learning from burning: The challenge of recovering a damaged BEV battery and transporting it in a critical condition ...	Beyond Li-Ion battery High Energy and Power Cells Market 2020 Shmuel De-Leon Shmuel De-Leon Energy, Ltd.	End-to-end electric vehicle fleet data analysis Christoph Loytved COMPREDICT GmbH	GBA Battery Passport – a key instrument to build a responsible and sustainable Battery value chain Torsten Freund ...	Battery Intelligence in action: How to launch an EV Tal Shoklapper Volltalq	Divergent approaches to solid-state Li-ion batteries Pirmin Ulmann b-sience.net LLC
	Battery cell characterization using optical thickness measurement Luciana Pitta Bauermann	Smart Storage of Li-Ion-Batteries Andre Horstenkamp DÜPERTHAL Sicherheitstechnik GmbH & Co. KG	Strategies to avoid battery raw material shortages Dennis Roman Gallus Roland Berger GmbH	Next Generation Battery Technologies for High Performance Electric Vehicles James Hoxey Williams Advanced Engineering	Future of producer responsibility for batteries Christian Eckert ZVEI e.V.	Herausforderungen der Entwicklung leistungsfähiger Batteriepacks und deren Sicherheit Tobias Mayer ...	Enhancing the Flexibility, Sustainability and Efficiency of Battery Manufacturing through 3D-Printing David Flaschenträger ...
1:00 PM	LUNCH BREAK						
2:00 PM	LUNCH BREAK						
	Impacts of Trigger Mechanism on Thermal Runaway Behavior of Commercial Lithium Ion Cells as Characterized by Fractional Thermal Runaway Calorimetry (FTRC) ...	Safe storing of Lithium-Ion-Batteries Markus Boberg DENIOS SE	CO2 neutral battery manufacturing in Europe with selected deep dives into cell manufacturing Robert Stanek ...	Potentials, Challenges, and Solutions for Lithium Ion Batteries in Heavy Commercial Vehicles Felix Traub ABB	Berchnung CO2 Footprint Wenzel Prochazka AVL List GmbH	Kärcher Battery Platforms and Future Battery Perspective Jan Becker Alfred Kärcher SE & Co. KG	Development of lithium-ion cells - development steps from sketch to series production Daniela Werlich CUSTOMCELLS®
3:00 PM	Influence of ageing on the safety of Lithium-ion batteries Georgi Kovachev TU Graz, VSI	Multimodal Transport Rules of Lithium Batteries Marco Ottaviani OTTAVIANI MARCO (Dangerous Goods Safety Adviser)	Applications that benefit from LTO batteries – Why Euro/Wh is NOT Everything Volker Schumann Toshiba Electronics Europe GmbH	Battery Supported High Power Charger (HPC) - make ultra fast charging of electric vehicles possible everywhere Thorsten Ochs ...	Li-Ion battery recycling – a Hydro-mechanical process Daniel Horn Fraunhofer IWKS	Pack Integration Dominik Lemcke SVOLT Energy Technology (Europe) GmbH	Recent trends in adding silicon to LIB anodes for automotive applications Susana Dama Batronics AG
	Battery Diagnosis using Field Data Claudius Jehle volytica diagnostics GmbH	Safe handling of toxic or valuable bulk material Hannes Plangger Hecht Technologie GmbH	Murata value creation for the battery pack and its applications Koichiro Kezuka Murata Elektronik GmbH	Battery development for an electric Propulsion in a hybrid aircraft Rainer Klein DHBW-Mosbach	Innovative closed-loop Recycling for Lithium-ion-batteries Nils Steinbrecher TES-AMM Central Europe GmbH	Covestro empowers electrification: modular battery pack for Light Electric Vehicles Miguel Venancio Lopes Covestro Deutschland AG	Addressing Safety and Cost by choosing best Functional Fillers for Electrode & Separator Coatings and Gap Fillers Yuejiang Liang ...
4:00 PM	COFFEE BREAK						
	The Fly in the Ointment: Quality Assurance for Lithium-Ion Batteries Alexander Gits 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 Rück 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
5:00 PM	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 Caspar Rawles ...		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 II-VI HIGHYAG Lasertechnologie...	The shift in the role of manganese to high performance batteries Raymond Malcolm Oei Stern
	Improve battery materials testing using Isothermal Microcalorimetry Christian Ortmann TA Instruments - Waters GmbH	Chemischer Speicher für die Energiewende, und die SENECA 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 Weis 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						
7:00 PM	GET-TOGETHER						
8:00 PM	GET-TOGETHER						