

BATTERIES  
EVENT 2023  
LYON  
OCT. 10 > OCT. 13 FRANCE

# PROGRAM



# PROGRAM AT A GLANCE

TUESDAY, OCTOBER 10	WEDNESDAY, OCTOBER 11	THURSDAY, OCTOBER 12	FRIDAY, OCTOBER 13
<p><b>BATTERIES</b> <b>EVENT 2023</b> LYON OCT. 10 &gt; OCT. 13 FRANCE</p>	<p>8.00am - 9.00pm: check-in &amp; welcome coffee</p>	<p>7.45am - 8.30pm: check-in &amp; welcome coffee</p>	<p>8.00am - 8.30pm: check-in &amp; welcome coffee</p>
	<p>09:00am - 10:55am</p> <p><b>PLENARY SESSION</b> Global market issues and trends</p>	<p>8:30am - 10:10am</p> <p><b>session 16</b> Battery Pack &amp; Thermal Management <b>session 17</b> Raw materials - Anode <b>session 18</b> Recycling &amp; Second Life <b>session 19</b> Battery Manufacturing <b>session 20</b> Funding the battery value chain in Europe</p>	<p>8:30am - 10:35am</p> <p><b>session 26</b> Manufacturing Test <b>session 27</b> Regulation <b>session 28</b> Raw materials - Binder &amp; Separators <b>session 29</b> Raw materials - Electrolyte</p>
	<p>10:55am - 11:30am: Coffee Break</p> <p><b>session 1</b> Lithium-ion Battery Raw materials: Li, Mn <b>session 2</b> Alternative to Li-ion : ZINC Batteries <b>session 3</b> Driving sustainable growth through LEAD BATTERY innovation <b>session 4</b> Battery Manufacturing <b>session 5</b> Battery Test &amp; Safety</p>	<p>10:10am - 11:00am: Coffee Break</p> <p><b>session 21</b> Solid State <b>session 22</b> Raw materials - Anode <b>session 23</b> Recycling &amp; Second Life <b>session 24</b> Battery Test &amp; Safety <b>session 25</b> Giga Location</p>	<p>10:35am - 11:15am: Coffee Break</p> <p><b>session 30</b> Challenges for the Battery Industry: Intellectual Property &amp; Recruitment <b>session 31</b> Battery Manufacturing <b>session 32</b> Raw Materials : Anode <b>session 33</b> Recycling &amp; Second Life</p>
	<p>11:30am - 12:45pm</p>	<p>11:00am - 12:40pm</p>	<p>11:15am - 12:30pm</p>
<p>12.30pm - 6.30pm: check-in</p> <p><b>TUTORIALS</b> Additional cost: not included in passes</p> <p>1.00pm - 2.30pm John ZHANG, CTO/CSD, CELGARD</p> <p>2.45pm - 4.15pm Shmuel De LEON, CEO, Shmuel De Leon Ltd</p>	<p>12:45pm - 2:15pm: Networking Lunch</p> <p><b>session 6</b> Raw Materials Cathode <b>session 7</b> Battery Market <b>session 8</b> Regulation <b>session 9</b> Battery Manufacturing <b>session 10</b> Battery Test &amp; safety</p>	<p>12:40pm - 2:00pm: Networking Lunch</p> <p><b>PLENARY SESSION</b> Battery Production in Europe</p>	<p>12:30pm - 2:00pm: Networking Lunch</p>
<p>2.15pm - 3:55pm</p>	<p>2.00pm - 3:40pm</p>	<p>2.00pm - 3:40pm</p>	
<p>4.15pm - 4:45pm: Coffee Break</p>	<p>3:55pm - 4:45pm: Coffee Break</p> <p><b>session 11</b> Raw materials Cathode <b>session 12</b> Battery Pack &amp; Thermal Management <b>session 13</b> Alternative to Li-ion : Lead Acid, Sodium, Ni Hydrogen <b>session 14</b> Battery Manufacturing <b>session 15</b> Battery Test &amp; Safety</p>	<p>3:40pm - 4:15pm: Coffee Break</p> <p><b>PLENARY SESSION</b> Battery Production in Europe (presentations followed by a round-table discussion)</p>	
<p>4.45pm - 6.15pm</p> <p>4.45pm - 6.15pm Christophe PILLOT, Director, AVICENNE ENERGY</p>	<p>4.45pm - 6.30pm</p>	<p>4.15pm - 6.30pm</p>	
<p>6:30pm - 8:00pm: Aperitif cocktail</p>	<p>6:45pm : Award RS2e</p> <p>6:45pm - 8:15pm: Welcome Cocktail</p>	<p>8:00pm - 12:00am: Gala Dinner</p>	

This program is subject to change. Please find the latest version on the website:  
[www.batteriesevent.com](http://www.batteriesevent.com)





# WEDNESDAY, OCTOBER 11, 2023

8.00am to 9.00am

**Check-in & welcome coffee** in the exhibition


9.00am to 10.55pm

## Plenary session

 **Christophe PILLOT**, Director, AVICENNE ENERGY

 **Jeff DAHN**, FRSC, Professor of Physics and Atmospheric Science, NSERC/Tesla Canada Industrial Research Chair, Canada Research Chair, DALHOUSIE UNIVERSITY

 **Liquid battery electrolytes: turning endings into new beginnings** - **Martin WINTER**, scientific director, MEET Battery Research Center at University of Münster

 **Entering the private life of batteries via optical sensing during real world applications** - **Jean-Marie TARASCON**, Chair of Solid-State Chemistry and Energy, COLLEGE DE France

 **Europe found an answer to the IRA. But is it enough?** - **Christian MARTIN**, Deputy Head Of Department Mobility, Energy and Future Technologies, VDI/VDE


10.55am to 11.30am

**Coffee break** in the exhibition


11.30am to 12.45pm


## Session 1

Lithium-ion Battery Raw materials: Li, Mn

 **Sustainable lithium supply - SQM at the forefront of transparent mining assurance** - **Stefan DEBRUYNE**, Director of External Affairs, SQM

 **Contributing to European Li-ion industrial sector** – **Vincent GOULEY**, Communication & Sustainability Director, Lithium Projects, IMERYS

 **Lithium in Europe** – **Anton Du PLESSIS**, CEO, ZINNWALD LITHIUM


 **From Pilot to Production: An In-Depth Look at E3's Alberta-based Lithium Extraction Pilot** – **Chris DOORNBOS**, CEO, E3 Lithium

11.30am to 12.45pm

## Session 2

Alternative to Li-ion : ZINC Batteries

 **The role of zinc-based batteries in the energy transition** – **Grégory SACRE**, Business Development Manager of Rechargeable Zinc Materials, EVERZINC

 **Rechargeable zinc-manganese dioxide batteries: a versatile solution for the global energy transition** – **Gabriel COWLES**, Senior Vice President of Strategy and Finance, URBAN ELECTRIC POWER

 **Recent advances in EasyZinc's innovations for Zinc rechargeable batteries** – **Vincent CALDEIRA**, CTO, EASYLZINC

 **Zinc Batteries – Yesterday-Today-Tomorrow** – **Oliver SUCHARD**, Quality Assurance Manager, GRILLO-WERKE AG

# WEDNESDAY, OCTOBER 11, 2023

11.30am to 12.45pm

## Session 3

Driving sustainable growth through LEAD BATTERY innovation

- ▲ Title coming soon – EUROBAT
- ▲ Title coming soon - CBI

11.30am to 12.45pm

## Session 4

Battery Manufacturing

- ▲ Hosokawa's Powder processing solutions in the battery industry - HOSOKAWA MICRON
- ▲ Advanced Kiln Design: Calcination of Battery Active Materials – **Lukas RIDIKAS**, Supply Chain Manager, KILNTECK
- ▲ CIDECcell: your flexible source of customized electrodes and battery cells – **Oscar MIGUEL**, Deputy Director, CIDETEC Energy Storage
- ▲ Measurement, Surface inspection and Traceability for electrode production – **Julia ANGELIN**, Sales & Business Development Energy Market, SCANTECH

11.30am to 12.45pm

## Session 5

Battery Test & Safety

- ▲ Automatic battery ageing modeling process for fast and accurate ageing predictions – **Romain NICOLAS**, Product Manager, SIEMENS DIGITAL INDUSTRIES SOFTWARE
- ▲ Nikon latest developments on Battery inspection for automated and fast CT acquisition – **Sylvain GENOT**, X-ray Sales Account Manager, NIKON
- ▲ Breathable Rupture Disks For Pressure Relief – **Max BUGLIOSI**, Custom Engineered Product, BS&B Saefy Systems
- ▲ BaMoS - The Innovative Battery Monitoring Solution for Automotive Applications – **Florian ULLRICH**, Head of Business Development, InnovationLab

12.45pm to 2.15pm

**Networking lunch** in the exhibition  
The lunch is kindly sponsored by

**ARKEMA**

# WEDNESDAY, OCTOBER 11, 2023

2.15pm to 3.55pm

## Session 6

Raws Materials Cathode

- ▲ Enhancing Cathode Materials through Conformal Pristine Graphene Encapsulation – **Damien DESPINOY**, CEO, VOLEXION
- ▲ Solutions to increase cell capacity and reduce cell weight – **John FRASER**, Commercial Director, HUNTSMAN
- ▲ Future-Proofing Battery Materials Manufacturing – **Joe ADILETTA**, VP of Commercialization, SYLVATEX
- ▲ pCAM, bottleneck of batteries production in Europe & solutions – **Stephan MISRACHI**, Technical Director, AMBER-ENERGY
- ▲ High-Throughput Approach to LIB Roadmap Development – **Odysseas PASCHOS**, European Business Director, WILDCAT DISCOVERY

2.15pm to 3.55pm

## Session 7

Battery Market

- ▲ Enabling the green transition in the aviation sector – Study on the future development of battery design for electric aviation with focus on cell chemistry and thermal management – **Francesco CIGARINI**, Senior Consultant, P3 AUTOMOTIVE
- ▲ Title coming soon – **Viktor IRLE**, Sales Director, EV VOLUMES
- ▲ Batteries for portable, wearable devices – **Meggy QIN**, CEO, SOUOP - SHENZHEN PORDIE ENERGY TECHNOLOGY
- ▲ Development and Qualification of a Safe, Lightweight Li-Ion 28V battery for Military Aircraft Applications – **Trung NGUYEN**, President, EIC LABORATORIES
- ▲ Can BESS in Europe catch up with China and North America? – **Will ROBERTS**, Senior Research Analyst, RHO MOTION

2.15pm to 3.55pm

## Session 8

Regulation

- ▲ Enhancing heat recovery in Gigafab design - **Alex AUTHIER**, Design Project Manager Li-ion Battery, EQUANS
- ▲ Performance and safety in the new European Regulation concerning batteries and waste batteries – **Matthias BRUCHHAUSEN**, Team and Project Leader Battery and Hydrogen Technologies Unit, European Commission - Joint Research Centre
- ▲ The new Batteries Regulation sustainability targets: feasibility and implementation – **Claude CHANSON**, Corporate General Manager, RECHARGE
- ▲ Technology application to enable battery cell producers and their supply chains to conform to regulations in EU and beyond – **Fearghal KEARNEY**, Vice-President Sales, CIRCULOR
- ▲ Legal framework conditions in the battery logistics of traction batteries – **Max PLOTNIKOV**, research Associate, Fraunhofer Institute for Material Flow and Logistics

# WEDNESDAY, OCTOBER 11, 2023

2.15pm to 3.55pm

## Session 9

### Battery Manufacturing

- ▲ Single step electrolyte filling for hard can cells – **Raf GOOSSENS**, CEO, PEC CORP.
- ▲ Minimizing scrap rates in high-quality laser welding of battery modules with automation – **Juha SAARANEN**, Engineering Manager, JOT AUTOMATION
- ▲ Title coming soon – **Klaus PETERSEN**, Director Lithium Battery EMEA, MITSUBISHI ELECTRIC EUROPE BV
- ▲ Cowain Battery Cell Production Technology for Europe – **Bernhard ROMANSKI**, Business Development Manager, Battery Cell Production, COWAIN
- ▲ BATTERIES IPCEI: How can the European machinery industry actively contribute to enable "Made in Europe" battery production competitive. – **Stefano SAGUATTI**, Senior Battery Expert, MANZ ITALY

2.15pm to 3.55pm

## Session 10

### Battery Test & Safety

- ▲ Advanced Impedance Spectroscopy for EV Battery Testing and Diagnosis – **Aman BHARDWAJ**, Product Manager, HTDS
- ▲ Title coming soon - **Jérémy BLANC**, PhD Student, One-Sixone
- ▲ Determination Of Battery Safety And Performance Parameters Using Adiabatic And Isothermal Calorimetry – **Steve STONES**, Product Manager, THERMAL HAZARD TECHNOLOGY
- ▲ Calibrated Electrochemical Impedance Spectroscopy (EIS) and Time-Domain Measurements of a 7 kWh Automotive Li-Ion Battery Module – **Bob ZOLLO**, R&D Solution Architect, KEYSIGHT TECHNOLOGIES
- ▲ X-ray Computed Tomography for Battery Inspection – **William VANAUDENHOVE**, RX SOLUTIONS

3.55pm to 4.45pm

**Coffee break** in the exhibition

# WEDNESDAY, OCTOBER 11, 2023

4.45pm to 6.45pm

## Session 11

### Raw Materials Cathode

- ▲ Industrial gases, a critical role and influence – **Guillaume de VERTHAMON**, Global Market Director for Automotive, Aeronautics & Space, AIR LIQUIDE
- ▲ BASF powering a leading battery materials value chain in Europe – **Carmen DÖRSCH**, Vice President Business Management Europe & Global Sales, Battery Materials, BASF
- ▲ Next-generation LFP & LFMP battery cathode material production in EU – **Behnam HORMOZI**, CEO, INTEGRALS POWER
- ▲ A Sustainable Lithium Supply to Support the Fast EV Growth – **Yuan GAO**, Board Director, Lithium Americas Corporation, CNGR
- ▲ Title coming soon – **Tom VAN BELLINGHEN**, Marketing & Sales Director, UMICORE
- ▲ Is LFP the Future for Lithium Ion Batteries? – **John WOZNIAK**, Founder & Energy Storage and Power Consulting, WOZ POWER

4.45pm to 6.45pm

## Session 12

### Battery Pack & Thermal Management

- ▲ Taking the next step to electrify mobility with polycarbonates – **Heliana CARDENAS**, Global Technical Marketing Battery Packaging, COVESTRO
- ▲ Advanced thermal and mechanical barrier to secure the batteries and optimize their performances – **Brice FIORENTINO**, Business Development, Marketing & Innovation Manager, ENERSENS
- ▲ Innovative composites and resin solutions for Battery protection – **Guillaume GERBAUT**, Technical Sales Manager, VonRoll – **Fiorenzo LENZI**, Global Composites Product Manager, Von Roll
- ▲ Feasibility of Flame Retardant Thermoplastic Composites for Extrusion and Thermoforming of EV Battery Pack Applications – **David PELLETIER**, Lead Scientist, Global Technology Auto Project Leader, SABIC
- ▲ Fischer group's electrification product range: From battery cell casings to high performance battery systems – **Marc SCHWEIZER**, Business Development Manager, FISCHER GROUP
- ▲ Advanced Silicone Materials for Effective Battery Thermal Management and Prevention of Thermal Propagation – **Eric VANLATHEN**, Senior TS&D Scientist, DOW



# WEDNESDAY, OCTOBER 11, 2023

4.45pm to 6.45pm

## Session 13

Alternative to Li-ion: Lead Acid, Sodium, Ni-Hydrogen

- ▲ Considerations on Na-ion' - **Pierre TRAN VAN**, Electrochemistry Expert, RENAULT Group
- ▲ Modern Na-ion Batteries - **John ZHANG**, CTO/CSO, Polypore International LP
- ▲ Toward safer battery chemistries ? – **Caroline GAYA**, Electrochemical Storage Safety Engineer, INERIS
- ▲ An alternative, longer duration battery energy storage technology addressing safety, reliability and sustainability – **Akshay KALIA**, Strategy and Partnerships Manager, SLB “EUROBAT Battery Roadmap 2030” - innovation potential beyond Lithium? – **Gert MEYLEMANS**, General Manager & Director Communications and Stewardship, EUROBAT

4.45pm to 6.45pm

## Session 14

Battery Manufacturing

- ▲ Battery Industrialization: Solving the challenge of battery quality with CT and AI based Quality Inspection and Assurance – **Reda BELARBIA**, Global Battery and Storage Practice, HEXAGON
- ▲ How to monitor and inspect the weld quality of EV battery applications for laser welding and arc welding – **Yongjoon CHO**, Managing Director, MONITECH
- ▲ The Challenges of Li-Metal Solid-State Battery Manufacturing – **Yves Simeon DOESSANT**, Solith Sales and Product Manager, SOVEMA GROUP
- ▲ Dispensing applications in battery cell manufacturing – **Matthias OBERHOFER**, Team Manager Sales and Business Development Manager E-Mobility, Visco Tec
- ▲ Accelerate Battery Development from Cell Innovation to Gigafactory scale-up with the help of Virtual Twins – **Nicolas VALLIN**, Battery Consultant & Solution Portfolio Manager - Transportation & Mobility Industry, DASSAULT SYSTEMES
- ▲ Scaling up the NLV ultra-fast charging technology – **Rachid YAZAMI**, Founding Executive Director, KVI

# WEDNESDAY, OCTOBER 11, 2023

4.45pm to 6.45pm

## Session 15

### Battery Test & Safety

- ▲ Best Practices in Battery Pressure Testing to Maximize Performance, Lifespan, and Safety – **Seamus DOLAN**, VP of Global Sales, TEKSCAN
- ▲ SoH/SoC dispersion and its impact on available capacity of heavy-duty vehicles in operation – **Arnaud DELAILLE**, Co-Founder & Chief Science & Innovation Officer, Power Up
- ▲ Advanced, secured, and efficient regenerative power solutions for battery testing and recycling – **David DIALLO**, Business Developer Power & Energy, ES FRANCE
- ▲ Safety Meets Savings: Introducing Akkugrain® - The Most Economical and Safest Solution for Lithium-Ion Battery Packaging – **Denys MUCKER**, Global General Manager AkkuGrain®, DOLAV
- ▲ Charged for Tomorrow: Anticipated Requirements for Battery Cyclers in the Coming Decade – **Christophe MORIN**, Battery Cycler Business Developer, BioLogic
- ▲ Battery safety incidents analysis - Detect & fix anomalies early – **Jan SINGER**, Engineering Manager, TWAICE Technologies

6.45pm

**Award RS2e** in the exhibition

6.45pm to 8.15pm

**Welcome cocktail** in the exhibition

the cocktail is kindly sponsored by



# THURSDAY, OCTOBER 12, 2023

7.45am to 8.30am

**Check-in & welcome coffee** in the exhibition

8.30am to 10.10am

## Session 16

Battery Pack & Thermal Management

- ▲ Battery immersion cooling for high performances and safety – **Jean CHEVALIER**, Business Developer, EXOES
- ▲ Innovative Roller hearth kiln concepts minimizing operating cost – **Bojan GOLUH**, Sales Engineer, BOSIO , AICHELIN GROUP
- ▲ A review of bus bar protection against thermal runaway mode, for a faster & more efficient installation – **Benjamin LABLANCHE**, Application Engineer, TENNECO
- ▲ Immersion cooling : Safe, Fast & Cool ! – **Gérard QUOIRIN**, Product Engineer Battery Fluids, Battery specialist, TOTAL ENERGIES

8.30am to 10.10am

## Session 17

Raw Materials - Anode

- ▲ Manufacturing Carbon Nanotubes for Lithium-Ion EV Batteries at Gigafactory Scale – **Michael FETCENKO**, Chairman, CHASM Advanced Materials
- ▲ Sustainable, locally sourced anode material from trees – **Otto KIVI**, Business Development, STORA ENSO
- ▲ Optimizing the colloidal stability of battery slurries using the Hansen approach: application to the selection of sustainable and greener solvents – **Guillaume LEMAHIEU**, R&D Application researcher, FORMULACTION
- ▲ EV cell cost reduction and performance increase with commercial Carbon Black and Carbon Nanotubes as enabler – **Lukas MALINOWSKI**, Senior Sales Manager, CABOT

# THURSDAY, OCTOBER 12, 2023

8.30am to 10.10am

## Session 18

Recycling & Second Life

- ▲ Materials and recycling needs for the uptake of EVs in Europe – **Céline CLUZEL**, Partner, Element Energy / ERM
- ▲ Battery Market and Recycling – **Benoit ROMAC**, CEO & **Fabian DUFFNER**, associate Partner, PORSCHE CONSULTING
- ▲ A View on the Future of Battery Recycling in the European Market Context – **Charles STUYCK**, Business Director BRS, UMICORE

8.30am to 10.10am

## Session 19

Battery Manufacturing

- ▲ Smart & Green Battery Factories with reduced CAPEX & OPEX – **Klaus EBERHARDT**, Technology Manager Battery/PV, EXYTE
- ▲ New Process Solutions For Battery Systems Manufacturing – **Yvonne FISCHER**, Sales Manager BU Plasma & Heat Staking, BDTRONIC
- ▲ From breakthrough announcement to real battery pack concept – **Pierre GAUDILLAT**, Senior Technical Specialist, Battery development, FEV
- ▲ ONGOAL One-Stop Solutions for Slurry Mixing and Cathod/Anode Material Production – **Jo HUANG**, Director-Globalization & Marketing, ONGOAL TECHNOLOGY
- ▲ How data connectivity can solve operational challenges in EV battery manufacturing – **Omkar NADGAUDA**, Senior Consultant, EV Battery Manufacturing, SCHNEIDER ELECTRIC

8.30am to 10.10am

## Session 20

Funding the battery value chain in Europe

- ▲ Title coming soon – **Vincent VERON**, CFA Low Carbon Transition Group, Head of Transition Minerals, Metals & Batteries, BNP PARIBAS
- ▲ Title coming soon – **Laurent COLVEZ**, Head of Unit - Project & Structured Finance, Western Europe, Equity, Growth Capital and Project Finance, European Investment Bank
- ▲ Funding the battery value chain – A roadmap to secure financing to construct your production asset – **Guillermo MARTINEZ**, Director, Battery sector lead, TURNER & TOWNSEND
- ▲ The financing journey [for an industrial startup] from scratch to a Gigafactory – **Enzo RIBEIRO**, Chief of Staff & Head of Financing, VERKOR
- ▲ What's Next for Lithium – **Andy LEYLAND**, Co-Founder & Managing Director, SUPPLY CHAIN INSIGHTS

# THURSDAY, OCTOBER 12, 2023

10.10pm to 11.00pm

**Coffee break** in the exhibition

11.00am to 12.40pm

## Session 21

Solid State

- ▲ Navigating the Solid-State Battery Hype: An Industry-Driven Assessment of Potential and Limitations – **Lukas LUTZ**, Co-founder & CEO, SPHERE ENERGY
- ▲ GEN4 Lithium-Metal Solid-State Batteries: Progress and Successes – **Sriram RAMANOUDJAME**, Director, Strategic Marketing, BLUE SOLUTIONS
- ▲ The Business of Solid-State Batteries: Market Opportunities and Strategic Challenges – **Rajendra SINGH NEGI**, Team lead - Battery Technology Consulting, ACCENTURE
- ▲ Solid-state, quasi-solid-state, or all-solid-state batteries: That is the Question – **Alex YU**, Founder & CTO, FACTORIAL ENERGY
- ▲ Next Generation Solid-state Battery: Shaping the Future of EVs Transitions with Superior Performance, Cost and Sustainable Resources – **Dmitry BELOV**, Chief Scientist, ProLogium Technology

11.00am to 12.40pm

## Session 22

Raw Materials - Anode

- ▲ Carbon footprint assessment of ultra-low synthetic graphite Battery Anode Material – **Tristan CARRERE**, Life Cycle Assessment Engineer, TOKAI COBEX SAVOIE
- ▲ New method to characterize Li metal and SEI layer with Atomic resolution with inert gas transfer and Cryo-FIB – **Salomé LARMIER**, Sales Development Representative, THERMO FISHER SCIENTIFIC
- ▲ Enabling the Trifecta of Long Range, Low Cost, and Fast Charge with Lithium-Metal Batteries – **Peter FRISCHMANN**, CEO, SEPION TECHNOLOGIES
- ▲ Enabling 100 % Silicon Monoxide Anode using Pre-lithiation – **Kumar SUJEET**, CEO & Co-Founder, IONBLOX
- ▲ Lithium Metal Anode: myth or reality? – **Marina YAKOVLEVA**, Director, R&D and New Business Development, LIVENT

# THURSDAY, OCTOBER 12, 2023

11.00am to 12.40pm

## Session 23

Recycling & Second Life

- ▲ Importance of Solvent Extraction in Li-ion Batteries recycling – **Atefeh AZIZI**, Senior Solvent Extraction Engineer, ASCEND ELEMENTS
- ▲ Diagnosis for second life: identification of lithium plating during a partial cycle – **Gaëtan DEPAEPE**, Co-founder & CEO, ENTROVIEW
- ▲ High Voltage and Zero Carbon footprint ESS, EnePOND® using repurposed EV Batteries – **Hisashi TSUKAMOTO**, Founder and CEO, CONNEXX SYSTEMS
- ▲ Material regeneration technology for lithium batteries and the current status of industrial applications in China and overseas – **Xue WANG**, Co-founder & CMO, BOTREE CYCLING
- ▲ Options, challenges, and limitations of a sustainable recycling concept for lithium batteries – **Nils WIECZOREK**, Head of R&D, STIFTUNG GRS BATTERIEN

11.00am to 12.40pm

## Session 24

Battery Test & Safety

- ▲ Digatron Group and BatterieIngenieure: Innovative solutions from cell assembly and testing to battery understanding – **Andrea MARONGIU**, Managing Director, BatterieIngenieure & **Marc THIELMANN**, Vice President Sales & Marketing, DIGATRON GROUP
- ▲ Testing for batteries validation – **Quentin PELLOIE**, Testing Development Manager, 6NAPSE
- ▲ Cell performance testing topologies and safety considerations – **Johannes ROSSNER**, Consultant, ESPEC CORP
- ▲ Performance Optimization for Battery Cell, Module and Pack Testing – **Gerald SAMMER**, Principal Business Field Manager, Battery & Cell, AVL
- ▲ Advanced battery management system to detect battery performance decay – **Khiem TRAD**, Researcher & Project Manager, VITO

11.00am to 12.40pm

## Session 25

Giga Location

- ▲ How to Establish and Scale a Sustainable Supply Chain in the Midst of Policy and Supply Chain Disruption - IRA and European "counter measures" – **Andreas BAREID**, Director E Mobility & Battery Business Development, QAD
- ▲ Selecting a site for a Gigafactory in Europe – during geopolitical turmoil, energy crisis, talent shortages, and scarcity of sites – **David DERA**, Senior Managing Director, NEWMARK
- ▲ Dunkirk, the heart of the Battery Valley – **Rafael PONCE**, General Manager of Euraenergie and Dunkerque Promotion, DUNKERQUE PROMOTION & **Daniel M. DESCHODT**, Deputy CEO & CCO, Dunkerque-Port
- ▲ Title coming soon – **Colin MACKEY**, RIO TINTO

# THURSDAY, OCTOBER 12, 2023

12.40pm to 2.00pm

**Networking lunch** in the exhibition  
The lunch is kindly sponsored by



2.00pm to 3.40pm

## **Plenary session**

**Battery Production in Europe**

- Yann VINCENT, CEO, AUTOMOTIVE CELLS COMPANY
- Richard BOUVERET, Chief Executive Officer & Chairman, BLUE SOLUTIONS
- Benoît LEMAIGNAN, CEO, VERKOR
- Maher CHEBBO, Managing Director Europe, ENVISION DIGITAL
- Sebastian WOLF, COO, PowerCo
- Gery BONDUELLE, EVP Sales & Marketing, FREYR BATTERY
- Jon FOLD VON BÜLOW, Head of Research, MORROW BATTERIES
- Andreas WEIGLEIN, VP Operations, SVOLT
- Francisco CARRENZA, CEO, BASQUEVOLT

3.40pm to 4.15pm

**Coffee break** in the exhibition

4.15pm to 6.35pm

**Plenary session (continued) & round table**

8.00pm to 12.00am

**Gala Dinner** in the Amphitheatre - Lyon Convention Center



# FRIDAY, OCTOBER 13, 2023



8.00am to 8.30am

**Check-in & welcome coffee** in the exhibition

8.30am to 10.35am

## Session 26

Battery Manufacturing

- ▲ Analysis of elemental impurities along the industrial chain of Li batteries – **Yolande ABDELNOUR**, Product Specialist for Atomic Spectroscopy, AGILENT
- ▲ Inline X-ray Metrology for Lithium-Ion Battery Cells - **Hagen BERGER**, CEO, EXACOM
- ▲ How to improve battery performance: new characterization methods – **Rosario DEL SORBO**, Sales Manager, GRANUTOOLS
- ▲ Brand independent bottom-up synchronization of process sensor data – **Nikolaus NETZEL**, Product Manager, BST
- ▲ Understanding Battery Cell Performance through Thermal Methods - **Mark PHIPPS**, Global Battery Segment Sales Lead , TA instruments-Waters
- ▲ Cleaning processes in battery production – an underestimated topic – **Frank STUBHAN**, CTO, ACP SYSTEMS

8.30am to 10.35am

## Session 27

Regulation

- ▲ Upcoming PFAS restrictions and PFAS alternatives for Lithium Ion Batteries – **Eric KISH**, CEO, NANORAMIC
- ▲ Setting-up new benchmarks in sustainability by choosing ultra-thin metal foils and clad metal strips as alternative recyclable and ROHS-conform materials for batteries – **Thomas HAMANN**, Sales Manager France and Italy, Auerhammer Metallwerk
- ▲ Emission Compliance in Battery Manufacturing and Recycling – **Anne SOLEILHAVOUP**, Sales Manager France, DESOTEC
- ▲ Sustainable Material Selection for Enhanced Battery Environmental Performance - **Brahim SOLTANI**, Team Leader Battery System, IAV France
- ▲ Sustainable Battery Industry health & Safety challenges battery lifecycle: from production & use to recycling - **Tjerk RASKE**, VP Marketing Europe, DRAEGER

8.30am to 10.35am

## Session 28

Raw Materials – Binder & Separators

- ▲ Comprehensive portfolio of materials for waterbased processes - **Agnès BEAUGENDRE**, Senior Research Scientist, ARKEMA
- ▲ Aqueous-based binders for Li-Ion batteries – **Thomas BOURSIER**, R&D Engineer, SNF
- ▲ Water based binder for fast charging anodes – **Stella DEHERYAN**, Application Manager, ENEOS MATERIALS EUROPE BELGIUM
- ▲ Binder & slurry preparation: key factors to allow cycling <10bar of solid state Li-ion pouch cells – **Pascale CHENEVIER**, Research Professor, CEA
- ▲ Aluminum oxide and hydroxide, key raw materials for lithium-ion batteries – **Dimitri FLACHARD**, Engineer, ALTEO





# FRIDAY, OCTOBER 13, 2023



8.30am to 10.35am

## Session 29

Raw Materials – Electrolyte

- ▲ High-performance electrolytes made in Germany with German technology. Establishment of large-scale production to strengthen the European battery supply chain! – **Mario GEHRLEIN**, CEO, E-LYTE INNOVATIONS
- ▲ Solvionic brings ionic liquid-based electrolytes to the market – **Sébastien FANTINI**, Head of Research and Development, SOLVIONIC
- ▲ Lithium-ion batteries powered by inorganic electrolyte – **Laurent ZINCK**, Managing Director, INNOLITH SCIENCE AND TECHNOLOGY
- ▲ Analysis of different components of LiB using chromatography, Spectroscopy and testing machines – **Ramy ABOU-NACCOUL**, Market and Business Development Manager, SHIMADZU FRANCE

10.35am to 11.15am

**Coffee break** in the exhibition

11.15am to 12.30pm

## Session 30

Challenges for the Battery Industry: Intellectual Property & Recruitment

- ▲ Strategic IP Considerations for Batteries – **Kevin WHEELER**, Partner, Latham & Watkins LLP
- ▲ Solid-state batteries: update your understanding of the competitive and technology landscape thanks to patent analysis – **Fleur THISSANDIER**, Patent and technology analyst, KNOWMADE
- ▲ Impacts of the mobility ecosystem transformation on your talents - **Marianne TCHERNIA**, Sector Leader, Automotive & Chemicals EMEA, KORN FERRY PROFESSIONAL SEARCH
- ▲ Title coming soon – **Emilie RONDET**, VERKOR

11.15am to 12.30pm

## Session 31

Battery Manufacturing

- ▲ Accelonix industrial manufacturing processes for battery packs – **Ian BLANCHFLOWER**, Sales Manager, ACCELONIX
- ▲ Efficient Vacuum Solutions for Cost-Effective Battery Manufacturing - **Baptiste CHATELAIN**, Market Management Industrial Leak Testing, PFEIFFER VACUUM
- ▲ Enhancing Battery Manufacturing: Surface Inspection Technologies for Ensuring Process Safety and Product Quality – **Philipp MUTZ**, Global Industry Manager for the Battery Industry, SICK
- ▲ Assessing rechargeable batteries with 3D X-ray microscopy, computed tomography, and nanotomography – **Cong XIN**, Global Application Manager (New Energy Vehicle), ZEISS







# FRIDAY, OCTOBER 13, 2023



11.15am to 12.30pm

## Session 32




Raw Materials - Anode

-  Graphite Production Technologies for Batteries – State of the Art Review – **Morvarid BAJGIRAN**, Process Engineer, Battery Materials, HATCH
-  Silicon anode for Li-ion Batteries: Empower your understanding of competitive and technology landscape thanks to patent analysis - **Arnaud CAPGRAS**, Technology & Patent Analyst, KNOWMADE
-  Replacing graphite with Sila's silicon: Shipping and Validating Today – **Kurt KELTY**, VP of Commercialization, SILA
-  EcoGraf A New Anode Supply Chain: Supporting anode cell manufacturing with EcoGraf's Purification technology and HFfree Anode Electrode Recycling – **Anna VANDERBRUGGEN**, Process engineer, EcoGraf Limited

11.15am to 12.30pm

## Session 33

Recycling & Second Life

-  Towards nothing: Sustainable recycling of all battery metals from lithium-ion battery wastes and related side streams – **Tero HÖLLANDER**, Head of Battery Business Line, FORTUM BATTERY RECYCLING
-  Biohydrometallurgy, an eco-efficient alternative for LIB recycling – **Juan M. PEREZ**, Head of Electrical Energy Storage Department, CIIAE - Iberian Energy Storage Research Centre
-  Production Scraps and End-of-Life Batteries: a comparison of recycling pretreatment performance – **Gwénaëlle RADENAC**, Eco innovation, MTB

12.30pm to 2.00pm

**Networking lunch** in the exhibition

2.00pm

**End of the event & Exhibition dismantling**