



BATTERIES EVENT 2025

LYON
NOV. 4 > NOV. 6 FRANCE

PROGRAM

November 4, 2025

Event produced & chaired by  avicenne
ENERGY

PROGRAM AT A GLANCE

TUESDAY, NOVEMBER 4	WEDNESDAY, NOVEMBER 5	THURSDAY, NOVEMBER 6
This program is still subject to change	8:00 - 8:30: check-in & welcome coffee	8:00 - 8:30: check-in & welcome coffee
	8:30 - 10:15 PLENARY SESSION : R&D	8:30 - 10:15 THEMATIC SESSIONS Session 17: Battery technology Roadmap & Solid-State Batteries Session 18: Raw Materials - Cathode Session 19: Battery Manufacturing Session 20: Gigafactories Construction Session 21: Recycling & Second Life Session 22: Sodium-ion
	10:15 - 11:00 Coffee Break 	10:15 - 11:00 Coffee Break
	11:00 - 12:44 THEMATIC SESSIONS Session 1: Raw Materials - Lithium Session 2: Ideal Place to Build a Gigafactory Session 3: Battery Market - ESS Session 4: Battery Manufacturing Session 5: Battery Test & Safety	11:00 - 12:45 THEMATIC SESSIONS Session 23: Solid-State Batteries Session 24: Raw Materials - Anode Session 25: Supporting the Battery Value Chain in Europe Session 26: Regulatory & Standards Session 27: Battery Market - EV Application Session 28: Zinc based Batteries
from 12:00: check-in		
13:00 - 17:00 Exhibitors set-up	12:45 - 14:15 Networking Lunch	12:45 - 14:15 Networking Lunch 
13:00 - 16:15 TUTORIALS (additional cost) 13:00 - 14:30 > Yuan Gao , Consultant > John Zhang , CTO & CSO, Polypore International LP 14:30 - 14:45 Coffee Break 14:45 - 16:15 > Shmuel De Leon , Founder & CEO, Shmuel De-Leon Energy > Christophe Pillot , Fabrice Renard , Mike Sanders , Avicenne Energy	14:15 - 16:00 THEMATIC SESSIONS Session 6: Raw Materials - Binder, Electrolyte & Separators Session 7: Solid-State Batteries Session 8: 8a: Battery Market - Recharging or Swapping 8b: Raw Materials - Cathode Session 9: Battery Manufacturing Session 10: Battery Test & Safety	14:15 - 15:45 PLENARY SESSION
16:00 - 16:30 Coffee Break	16:00 - 16:45 Coffee Break	15:45 - 16:30 Coffee Break
16:30 - 18:30 OPENING PLENARY SESSION	16:45 - 18:30 THEMATIC SESSIONS Session 11: Raw Materials - Cathode Session 12: Funding the Battery Value Chain in Europe Session 13: Recycling & Second Life Session 14: Battery Manufacturing Session 15: Battery Test & Safety Session 16: Digital for Battery Manufacturing 	16:30 - 17:30 PLENARY SESSION 17:30 - 18:30 PANEL DISCUSSION
18:30 - 21:00 Exhibition Opening Evening	18:30 - 19:30 Afterwork Drink	From 17:30 Exhibition dismantling 19:00 - Midnight Gala Evening

TUESDAY, NOV 4

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From 12:00

Registration

Lyon Convention Center

13:00 – 17:00

Exhibitors set up

Lyon Convention Center – Forums 1, 2 & 3

13:00 – 16:15

Tutorials (additional cost)

13:00 – 14:30

Yuan Gao, Consultant - **RHONE 2**

Cathode technologies and related supply chain considerations

John Zhang, CTO & CSO, Polypore International LP - **RHONE 3**

Safety of Solid-State Batteries (SSB) and Liquid-State Batteries (LSB), the Mechanisms and the Role of Separators

14:30 – 14:45

Coffee break

14:45 – 16:15

Shmuel De Leon, Founder & CEO, Shmuel De-Leon Energy - **RHONE 2**

China Battery Industry Technology Innovation Trends 2025

Christophe Pillot, **Fabrice Renard**, **Mike Sanders**, Avicenne Energy - **RHONE 3**

The Worldwide rechargeable Battery Market and Main Trends 2025-2036

16:00 – 16:30

Coffee Break

Foyer Lumière

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16:30 – 18:30

Opening plenary session

AUDITORIUM LUMIERE

Moderator: **Christophe Pillot**, Director, Avicenne Energy

- 16.30 – 16.45 **Philippe Varin**, President, International Chamber of Commerce
- 16.45 – 17.00 **Thomas Courbe**, Director General for Entreprises, Directorate-General for Entreprises (DGE - France)
- 17.00 – 17.15 **Pierre Bagnon**, Executive Vice President, Global Head of Intelligent Industry Accelerator & Gigafactory, Battery sector, Capgemini
- 17.15 – 17.30 **Benoît Lemaignan**, CEO, Verkor
- 17.30 – 17.45 **Maxime Trèves**, CEO, Battri
- 17.45 – 18.00 **Christophe Pillot**, Director, Avicenne Energy

- 18.00 – 18.30 **Panel Discussion with all the speakers**

18:30 – 21:00

Exhibition Opening cocktail

Lyon Convention Center – Forums 1, 2 & 3

WEDNESDAY, NOV 5

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08:00 – 08:30

Registration & Welcome coffee in the exhibition area

08:30 – 10:15

Plenary Session – R&D

AUDITORIUM LUMIERE

Moderator: **Mike Sanders**, Avicenne Energy

- 8.30 – 8.55 **Jean-Marie Tarascon**, Chair of Solid-State Chemistry and Energy, Collège de France
Title coming soon
- 8.55 – 9.20 **Martin Winter**, University of Münster, MEET Battery Research Center
Safety considerations of lithium metal batteries
- 9.20 – 9.45 **Yuan Gao**, Consultant
Industrial relevance considerations of cathode R&D
- 9.45– 10.10 **Philippe Biensan**, Technology and R&D leader, ACC
ACC market vision and some R&D impacts
- 10.10– 10.15 **Conclusion**

10:15 – 11:00

Coffee break in the exhibition area

This coffee break is kindly sponsored by 

11:00 – 12:45

Session 1 – Raw Materials – Lithium

RHONE 3

Moderator: **Virginie Russ**, New Energy Technologies

- 11.00 – 11.25 **Marina Yakovleva**, Director, R&D and New Business Development, Rio Tinto Lithium
Rio Tinto Lithium's Printable Lithium Technology is a Key to Manufacturability of Solid-State Batteries
- 11.25 – 11.50 **Emilie Bodoïn**, Ceo, Pure Lithium represented by **Yuan Gao**, Consultant
The future of lithium based energy storage commercializing the lithium metal battery
- 11.50 – 12.15 **Grégoire Jean**, Lithium Projects R&D Director, Imerys
Innovation as a key to unlock new sources of lithium: the case of the Beauvoir deposit
- 12.15 – 12.40 **Elsa Briqueleur**, Senior Researcher, Leitat
Electrochemical Lithium Recovery from different feedstock: a sustainable pathway to decrease Europe CRM dependance
- 12.40 – 12.45 **Conclusion**

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11:00 – 12:45

Session 2 – Ideal Place to Build a Gigafactory

AUDITORIUM PASTEUR

Moderator: **Nicolo Campagnol, McKinsey**

- 11.00 – 11.20 **Krzysztof Burda**, President, Association Polish Chamber of Electromobility Development
Poland – The Emerging Hub for Sustainable Gigafactory Investments in Europe.
- 11.20 – 11.40 **Florine Ringot-Moyon**, Project manager – Energy Transition, Ecosystème D & **Isabelle Devinne**, Promotion Executive, Dunkerque Port
Dunkirk, at the heart of the European battery valley
- 11.40 – 12.00 **Jesper Frost Thomsen**, Doctoral Student & Research Assistant, University of Münster - Institut for Business Chemistry
The impact of transport-related costs and emissions on battery cell and module manufacturing
- 12.00 – 12.20 **James Trevey, CTO**, Forge Nano
Critical Considerations When Building a Gigafactory
- 12.20 – 12.40 **John Wozniak**, Founder, Energy Storage and Power Consulting
Will U.S. Gigafactory plans go the way of the European failures?
- 12.40 – 12.45 **Conclusion**

11:00 – 12:45

Session 3 – Battery Market – Energy Storage System

SALON PASTEUR

Moderator: **Jochen Di Vincenzo, P3 Automotive**

- 11.00 – 11.25 **Laurent Torcheux**, Senior expert "battery storage", EDF
Technological challenges for Batteries Energy Storage Systems (BESS)
- 11.25 – 11.50 **Caroline Gaya**, Project Manager – Battery safety engineer, Ineris & **Guillaume Lecocq**, Project Manager – Explosion safety engineer, Ineris
Understanding and Mitigating Risks in BESS: lessons from test, recent incidents and regulation evolutions
- 11.50 – 12.15 **Bob Zollo**, Solution Architect / Strategic Portfolio Planner for Grid Compliance and Battery Testing, Keysight Technologies
Constructing a Complete Home Energy Management (HEMS) Testbed where Battery Storage, Wind, Solar, EV and the Smart Grid come together
- 12.15 – 12.40 **Susanne Lehner**, Full Professor, Friedrich-Alexander-Universität Erlangen-Nürnberg
From Negative Prices to Positive Impact: Unlocking the Value of Energy Storage
- 12.40 – 12.45 **Conclusion**

WEDNESDAY, NOV 5

11:00 – 12:45

Session 4 – Battery Manufacturing

RHONE 2

Moderator: Aleksandra Roganović, ElevenEs

- 11.00 – 11.25 **Raf Goossens**, CEO, PEC
Hybrid Cell Manufacturing
- 11.25 – 11.50 **Srirama Hariharan**, Technology Solutions Consultant EMEA, Honeywell
Accelerating Scale-up with AI-driven Quality Management for Gigafactories
- 11.50 – 12.15 **Paavo Käkälä**, Head of Sales & Marketing, Jot Automation
Proven Savings with Shorter Leadtimes - JOT Automation ANT Plant Microfactory for Tomorrow's Battery Manufacturing Automation
- 12.15 – 12.40 **Martin Petit**, Research Engineer, IFP Energies Nouvelles
Evaluation of manufacturing parameters impact on cell performances within the scope of HE BATCAT project
- 12.40 – 12.45 **Conclusion**

11:00 – 12:45

Session 5 – Battery Test & Safety

RHONE 1

Moderator: Quentin Loiseleux, One-sixone

- 11.00 – 11.20 **Matteo Tassinari**, Battery Control & Simulation Responsible, Ferrari
How the BMS Controls increase the safety of the Battery Pack: a continuous challenge
- 11.20 – 11.40 **Yassine Ammar**, Senior Sales Engineer, Arbin Instruments
From R&D to Production: Overcoming Battery Testing Challenges with Arbin's Cutting-Edge Technology
- 11.40 – 12.00 **Hagen Berger**, CEO, Exacom
Data-Driven X-ray and CT Quality Control in the Transition to High-Volume Cell Production
- 12.00 – 12.20 **Patrick Kreutzer**, Head of Sales & Marketing, Digatron Group & **Peter Janssen**, Managing Director, Digatron
Introducing the next Generation of Regenerative High Voltage and High Power Battery Pack tester using the latest in SiC power electronics technology
- 12.20 – 12.40 **Jana Gatz**, Cell and Process Development, Fraunhofer-Institut für Keramische Technologien und Systeme IKTS
Optical layer thickness measurement in electrode manufacturing: Comparison and application of established methods
- 12.40 – 12.45 **Conclusion**

12:45 – 14:15

Networking Lunch in the exhibition area

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14:15 – 16:00

Session 6 – Raw Materials – Binder, Electrolyte & Separators

RHONE 3

Moderator: Franz Kruger, Zeta Energy

- 14.15 – 14.35 **Susanna Holappa**, Senior Research Scientist, Kemira
Binder solutions that enable higher energy density cells
- 14.35 – 14.55 **Julian Kalhoff**, Battery Business Development Manager, Trinseo
Advancing Binder Design for Fast-Charging Lithium-Ion Battery Anodes: Meeting EV Performance Demands
- 14.55 – 15.15 **Salil Soman**, VP - Business Development, Feon Energy
Unlocking Next-Gen Lithium Battery Performance with Innovative Liquid Electrolytes
- 15.15 – 15.35 **Daniel Fischer**, Head of Strategic Business Unit Battery Separators, Delfort group
IonPort® paper-based Separators - unlocking the next level of enhanced battery performance and efficient manufacturing
- 15.35 – 15.55 **John Zhang**, CTO/CSO, Polypore International LP
Separator properties, functions, safety secrets
- 15.55 – 16.00 **Conclusion**

14:15 – 16:00

Session 7 – Solid-State Batteries

AUDITORIUM PASTEUR

Moderator: Mike Sanders, Avicenne Energy

- 14.15 – 14.35 **Mike Sanders**, Senior Consultant, Avicenne Energy
Challenges And Opportunities For Solid-State Batteries
- 14.35 – 14.55 **Benoit Fleutot**, Lead-Researcher, Hydro-Québec
Next-Gen Energy: Hydro-Québec's Breakthrough in All-Solid-State Ceramic Batteries and Lithium Metal – Performance, Innovation, and the Future of Interface Engineering
- 14.55 – 15.15 **Ravi Gehlot**, Business Development Manager, Umicore
Materials for Solid-State Batteries
- 15.15 – 15.35 **Matt Stock**, Goliath Technical Director, Ilika Technologies
Delivering High Performance and Safety in Solid-State Cells to Simplify Battery Pack Design
- 15.35 – 15.55 **Michael Wolf**, PhD Student, BMW Group
Impact of Extrusion and Direct Calendering on Dry Coated Cathodes for Sulfidic All-Solid-State Batteries
- 15.55 – 16.00 **Conclusion**

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14:15 – 16:00

Session 8a – Battery Market - Recharging & Swapping

SALON PASTEUR

Moderator: John Wozniak, Energy Storage and Power Consulting

- 14.15 – 14.35 **Frank Kindermann**, Head of Battery Systems Europe, NIO
Beyond Charging: How Battery Swapping Enables Smarter, Safer, and More Sustainable EV Batteries
- 14.35 – 14.55 **Nicolas Leclère**, Director global strategy, technologies, prospective, partnerships, Stellantis
EV charging : status - challenges - opportunities

Session 8b – Raw materials – Cathode

- 14.55 – 15.15 **Fatjon Maxharraj**, Research Associate, Fraunhofer
Multilayer Electrodes with Graded Design and Their Impact on Lithium-Ion Batteries
- 15.15 – 15.35 **Jochen Di Vincenzo**, Project Manager, P3 Automotive
Europe's CAM industry at a crossroads – What China's LFP advantage means for strategic autonomy
- 15.35 – 15.55 **Stefan Van Der Wal**, Head of Industry management, Mettler Toledo
Advanced pH Measurement Solutions for Optimized Cathode Active Material Production in Lithium-Ion Battery Manufacturing
- 15.55 – 16.00 **Conclusion**

14:15 – 16:00

Session 9 – Battery Manufacturing

RHONE 2

Moderator: Raf Goossens, PEC

- 14.15 – 14.35 **Gaetan Bouzard**, Battery Industry Manager, Siemens
Optimizing EV Battery Design with Digital Twins: An Incremental Engineering Approach
- 14.35 – 14.55 **Noura Rahbani**, LCA Project Manager, WeLoop
BATTERS: Enhancing Battery Industry Competitiveness Through a Collaborative 4.0 Lifecycle Approach
- 14.55 – 15.15 **Alfredo Davila**, Technical Sales Manager, Quinlogic
The Role of Digitalization and Industry 4.0 in Shaping Quality Assurance for Future Battery Cell Production
- 15.15 – 15.35 **Nicolas Vallin**, Battery Senior Client Executive, Dassault Systemes
Generative Virtual Twins : How AI and ModSim can change the game
- 15.35 – 15.55 **Nicolas Cottureau**, European Business Development Manager, Maplesoft
Using Simulation to Accelerate Innovation in Next Gen Battery Manufacturing
- 15.55 – 16.00 **Conclusion**

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14:15 – 16:00

Session 10 – Battery Test & Safety

RHONE 1

Moderator: Hagen Berger, Exacom

- 14.15 – 14.35 **Florian Dauber**, Head of Digitalization, Voltavision
Digital Lab Twins and AI in Battery Testing
- 14.35 – 14.55 **Javier Gazzarri**, Consulting Application Engineer, Mathworks
Accelerating Battery Innovation with Modeling & Simulation
- 14.55 – 15.15 **Raymonda Diab**, PhD researcher, One-sixone
Advanced Electrode Homogenization-Based Development of an Electrochemical Pseudo-2D Model for Fast Charging Li-ion Batteries
- 15.15 – 15.35 **Yutaro Okada**, Project Manager, Marposs
The Critical Role of Leak Testing
- 15.35 – 15.55 **Alexander Teufl**, Head of Sales, Advanced Innergy Solutions
Battery Safety for Next-Generation Cylindrical and Prismatic Cells
- 15.55 – 16.00 **Conclusion**

16:00 – 16:45

Coffee Break in the exhibition area

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16:45 – 18:30

Session 11 – Raw Materials - Cathode

AUDITORIUM PASTEUR

Moderator: Stéphane Levasseur, Umicore

- 16.45 – 17.05 **Mickael Dollé**, Professor, Université de Montréal / Ignis Lithium
Ignis Lithium's Melt-synthesis: A breakthrough process for the local and large-scale manufacturing of LFP/LMFP
- 17.05 – 17.25 **Fabrice Renard**, Senior Consultant, Avicenne Energy
Key challenges to set up a competitive LFP supply chain outside China with an exclusive cost benchmark: China vs Morocco vs Europe
- 17.25 – 17.45 **Guillaume de Verthamon**, Global Market Director for Automotive, Aeronautics & Space, Air Liquide
Role and influence of industrial gases in the battery value chain
- 17.45 – 18.05 **Tom Van Bellinghen**, CEO, Lithink
One Closed Loop, One Goal: Aligning Supply Chain Interests in Europe's Battery Ecosystem
- 18.05 – 18.25 **Nikita Hall**, Director of Lab & Material Innovation, Entalpic
AI-Driven Discovery of Cathode Materials
- 18.25 – 18.30 **Conclusion**

16:45 – 18:30

Session 12 – Funding the Battery Value Chain In Europe

SALON PASTEUR

Moderator: Luc Hovan, Independent Advisor - Energy Transition & Industrial Strategy

- 16.45 – 17.00 **Anna Teyssot**, General Partner, Exergon
Exergon: a venture fund backing European engineering breakthroughs for energy resilience
- 17.00 – 17.15 **David Pomonti**, Head of Environment Technologies sector - Innovation Direction, BPI France
Financing Batteries in Europe, an emerging industry at crossroads
- 17.15 – 17.30 **Mathieu Zeisser**, Managing Director - Industrials Investment Banking Division / Head of Battery Value Chain, Société Générale
The equity playbook for the battery value chain
- 17.30 – 17.45 **Emmanuel Paris**, Managing Director, Resources & Industry Project Finance, Crédit Agricole CIB
Global financing, European ambitions : what would it take to attract debt at scale?
- 17.45 – 18.00 **Enzo Ribeiro**, Chief of Staff & Head of Financing, Verkor
Title coming soon
- 18.00 – 18.30 **Q&A with all speakers**

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16:45 – 18:30

Session 13 – Recycling & Second Life

RHONE 3

Moderator: Anna Sosnowik, Ascend Elements

- 16.45 – 17.05 **Patrick Lamprecht**, Business Development Manager, Aichelin
From Raw to Recycled: Thermal Technologies Driving Battery Sustainability World-wide
- 17.05 – 17.25 **Dirk Steinhilber**, Application Technology Manager, Lanxess
Lewatit® Ion Exchange Resins for the Recycling of Lithium Ion Batteries
- 17.25 – 17.45 **Philipp Wenz**, Head of Key Account Management Battery Recyclin, BASF
From Waste to Value: Practical Learnings and Collaborative Pathways for a Resilient Battery Recycling Ecosystem
- 17.45 – 18.05 **Filip Gabryelewicz**, Chief Business Development Officer, Wastes Service Group
From waste to strategic raw materials – Urban Mining and Industry 4.0 in practice
- 18.05 – 18.25 **Jérémy Blanc**, System Battery Engineer, One-SixOne
SoH diagnostic for small electromobility battery
- 18.25 – 18.30 **Conclusion**

16:45 – 18:30

Session 14 – Battery Manufacturing

RHONE 2

Moderator: Robert Stewart, Honeywell

- 16.45 – 17.05 **Elixabete Ayerbe**, Team leader, Cidetec Energy Storage
PROTEO Battery Modelling Platform: Combining Multiphysics Modeling and Machine Learning for Thermal Runaway Assessment
- 17.05 – 17.25 **Jennifer Channell**, Head of Commercial, Anaphite
Dry Coating of High Performance Lithium Ion Cathodes
- 17.25 – 17.45 **Stefan Permien**, CEO, UniverCell Holding
Industrial Dry Coating: Scaling a Solvent-Free Electrode Process for the Next Generation of Battery Cells
- 17.45 – 18.05 **Aleksandra Roganovic**, Cell Materials Manager, ElevenEs
From Pilot to Giga: ElevenEs' LFP Blade Cell – The Blueprint for Scalable European Battery Manufacturing
- 18.05 – 18.25 **François Verkindt**, EV Battery Leader, Schneider Electric
Optimizing Battery Production with Integrated Quality & Automation Solutions
- 18.25 – 18.30 **Conclusion**

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16:45 – 18:30

Session 15 – Battery Test & Safety

RHONE 4

Moderator: Hagen Berger, Exacom

- 16.45 – 17.05 **Eric Vanlathem**, Senior TS&D Scientist, Dow Silicones
Development of Silicone based fire-resistant coating, from product design to Computational Fluid Dynamics (CFD) modeling to predict dispense behavior
- 17.05 – 17.25 **Arnaud Delaille**, CSIO, PowerUp
Advanced Analytics for Early Detection of Thermal and Electrical Anomalies in Battery Energy Storage Systems (BESS)
- 17.25 – 17.45 **Matthieu Desbois-Renaudin**, President, Wattalps
Presentation of tests in extreme use and fast charging of batteries using immersion cooling technology
- 17.45 – 18.05 **Guillaume Gerbaut**, Technology Manager Automotive, Elantas
Innovative thermal and dielectric solutions for battery pack protection
- 18.05 – 18.25 **Peter Ursic**, Innovation Manager, Hidria
Battery Safety Redefined: Arc detection and EIS, controlled Venting and heating with PTC
- 18.25 – 18.30 **Conclusion**

16:45 – 18:30

Session 16 – Digital for Battery Manufacturing - sponsored by

RHONE 1

Moderator: Hubert Clément, Capgemini

- 16.45 – 16.55 **Introduction**
- 16.55 – 17.10 **Francis Hoss**, Head of Business Solutions - Digital, Verkor & **Peter Murphy**, Senior Manager - Data Engineering – Digitalization, Verkor
- 17.10 – 17.25 **Dimitri Obolensky**, Industry Digital Strategist - Automotive, Microsoft
- 17.25 – 17.40 **Julien Theulier**, Senior Solutions Architect, Databricks
- 17.40 – 18.30 **Moderator-led questions & audience Q&A**

18:30 – 19:30

Afterwork Drink

Lyon Convention Center – Forums 1, 2 & 3

THURSDAY, NOV 6

08:00 – 08:30

Registration & Welcome coffee in the exhibition area

08:30 – 10:15

Session 17 – Battery technology Roadmap & Solid-State Batteries

AUDITORIUM PASTEUR

Moderator: **Philippe Biensan, ACC**

8.30 – 8.50 **Varnika Agarwal**, Senior Research Analyst, Benchmark Mineral Intelligence

Battery Technology Roadmaps: The influence of current and emerging technology

8.50 – 9.10 **Ines Miller**, Associate Partner, P3 Automotive

Solid-State Batteries – Will recent momentum accelerate the path to mass production?

9.10 – 9.30 **Benoît Chavillon**, Head of Prototyping & Component Processes Laboratory, CEA

CEA battery activities : Cell design optimization for fast charge and long life

9.30 – 9.50 **Sriram Ramanoudjame**, Chief marketing Officer, Blue Solutions

GEN4 Li-Metal Battery: State-of-the-Art Advances and Perspectives

9.50 – 10.10 **Dominique Burgeff**, Strategic Platform Manager, Electric Vehicles, Saint-Gobain & **Caroline Tardivat**, Business and Technology Development manager, Saint-Gobain

Innovations in Solid-State Batteries: Halide-Based Electrolytes and Multifunctional Protection Materials

10.10 – 10.15 **Conclusion**

08:30 – 10:15

Session 18 – Raw Materials - Cathode

RHONE 4

Moderator: **Kurt Van Deputte, Belgard**

8.30 – 8.50 **Javier Silva**, Director for Sustainability and Community Engagement, SQM

SQM's Responsible Lithium Production: value sharing, growth & innovation

8.50 – 9.10 **Damien Despinoy**, CEO, Voilexion

Conformal Graphene Encapsulation for Next Gen Li-Ion Cathode Materials

9.10 – 9.30 **Stephane Levasseur**, Senior Innovation Director, Umicore

Powering the future: What next-gen battery materials mean for you?

9.30 – 9.50 **Olivier Callebert**, Director of the industrial establishment project, Axens Group

Macaron Project: A Cathode Active Materials plant in Valenciennes area

9.50 – 10.10 **Frank Vergunst**, CEO & Founder, Alta Carbon Technologies

ACT — processes captured carbon into critical materials

10.10 – 10.15 **Conclusion**

THURSDAY, NOV 6

08:30 – 10:15

Session 19 – Battery Manufacturing

RHONE 2

Moderator: Haijun Ruan, Coventry University

- 8.30 – 8.50 **Yves Simeon Doessant**, Sales Manager, Andritz Sovema
Maximizing Efficiency in Cell Formation with Advanced Power Electronics Solutions
- 8.50 – 9.10 **Luke Hu**, Co-founder, Electroder
Team Design & Manufacturing - How DfM can improve the current situation of EU cell production?
- 9.10 – 9.30 **Jan Van Treek**, Sales Manager, Neuman Esser
Spheronization Equipment to push boundaries: Achieving Yields over 90%
- 9.30 – 9.50 **Christian Ruediger**, CEO & Founder, Chem4Batteries
Accelerate battery technology commercialization through product validation and prototyping
- 9.50 – 10.10 **Onur Tokmak**, Product Manager BU Battery Technologies, Exentec Germany
Mini-Environments vs. Mega consumption: The future of sustainable Battery Manufacturing
- 10.10 – 10.15 **Conclusion**

08:30 – 10:15

Session 20 – Gigafactories Construction

SALON PASTEUR

Moderator: Pierre-Etienne Bougon, Capgemini

- 8.30 – 8.55 **Mark Bellino**, Global Director, Battery Materials and Cells Manufacturing, Hatch
Challenges faced in the design and construction of battery plants
- 8.55 – 9.20 **Yahya Alvar**, Head of Business Development, UKBIC
Opportunities & lessons learned in battery manufacturing scale-up
- 9.20 – 9.45 **Christian Perrier**, Project Director, Equans
How to succeed (or fail) in your battery project?
- 9.45 – 10.10 **Bill Williams**, Global Director of Business Development – Battery, Baltimore Aircoil Company
Early cooling designs for gigafactory will save money, time, energy and water
- 10.10 – 10.15 **Conclusion**

THURSDAY, NOV 6

08:30 – 10:15

Session 21 – Recycling & Second Life

RHONE 3

Moderator: Laure Latour, Battri

- 8.30 – 8.50 **Robert Burrell**, Research Manager, Project Blue
Battery Recycling and the Circular Economy: Perspectives, Challenges and Opportunities
- 8.50 – 9.10 **Almudena Gonzalez Gonzalez**, Senior Research, Iberian Centre for Research in Energy Storage (CIIE)
Bioleaching of spent NMC lithium-ion batteries using adapted pure cultures of acidophilic bacteria
- 9.10 – 9.30 **Domien Schatteman**, Strategic Sales Manager, Indaver
Sustainable solvent recovery for the battery industry – Closing the loop on NMP
- 9.30 – 9.50 **Thomas Bibienne**, Battery Materials and Battery Recycling Specialist, Hatch
Technical Challenges and Opportunities in the Li-ion Battery Recycling Industry
- 9.50 – 10.10 **Anna Sosnowik**, Business Development Director, Ascend Elements
Beyond Green: Localized battery materials and advanced battery recycling for supply chain security, energy independence and environmental sustainability
- 10.10 – 10.15 **Conclusion**

08:30 – 10:15

Session 22 – Sodium-ion

RHONE 1

Moderator: Jean-Marie Tarascon, Collège de France

- 8.30 – 8.50 **Fabrice Renard**, Senior Consultant, Avicenne Energy
Sodium ion battery market & developments
- 8.50 – 9.10 **Yuan Gao**, Consultant
pCAM for sodium-ion batteries
- 9.10 – 9.30 **Mathieu Morcrette**, CNRS Research Director, Université de Picardie, Amiens
Tiamat : Sodium-ion Battery for High Power Applications
- 9.30 – 9.50 **Tomasz Zukowski**, Account Manager, E-Lyte Innovations
Mitigating challenges of layered oxide Sodium-Ion Pouch cells: Novel electrolyte additive for suppressing Sodium Plating and prolonging cycle life at high cut-off voltages
- 9.50 – 10.10 **Brahim Soltani**, Team Manager Battery and Safety, Iav
Sodium-Ion: A Viable Path for Low-Voltage Battery Applications
- 10.10 – 10.15 **Conclusion**

10:15 – 11:00

Coffee break in the exhibition area

THURSDAY, NOV 6

11:00 – 12:45

Session 23 – Solid-State Batteries

AUDITORIUM PASTEUR

Moderator: Olivier Colas, Blue Solutions

- 11.00 – 11.20 **Dmitry Belov**, Chief Scientist, Prologium
Making the Right Call for the Next Generation of Batteries
- 11.20 – 11.40 **Vincent Giordani**, CTO, R&D Director, Basquevolt
Basquevolt technology for next-generation batteries
- 11.40 – 12.00 **Arnaud Bordes**, Battery Safety Engineer, Ineris
Thermal and Chemical Hazards in (All) Solid-State Batteries: Insights from Lab and Real-World Incidents
- 12.00 – 12.20 **Shmuel de Leon**, CEO, Shmuel De-Leon Energy
China All Solid, Semi Solid, Quasi Solid new Innovation Trends 2025
- 12.20 – 12.40 **Mauro Francesco Sgroi**, Associate Professor, Università di Torino
Nanoconfined Complex Hydride Electrolytes for Safe and High-Energy Solid-State Lithium Batteries
- 12.40 – 12.45 **Conclusion**

11:00 – 12:45

Session 24 – Raw Materials - Anode

RHONE 2

Moderator: Benedicte Allard, TOKAI COBEX

- 11.00 – 11.20 **Stefan Bergold**, CCO, Vianode AS
Graphite recycling: status and trends for EV batteries
- 11.20 – 11.40 **Hui Dong**, R&D Manager of Energy Storage, Ingevity Corporation
Advancing High-Performance, Cost-Effective Carbon-Based Battery Materials to Meet Global Demand
- 11.40 – 12.00 **Alex Groombridge**, CTO, Echion Technologies
Powering the Future: Niobium-Based Li-ion Batteries for Heavy-Duty Electrification
- 12.00 – 12.20 **Jinsuk Lee**, Co founder & Chief Engineer, Lemon Energy
Silicon Carbon Dual Layer Composites Anode Materials for Commercially Applicable High Energy-Density Lithium-Ion Batteries by Optimizing Experimental and Rational of High-Density Electrode Design
- 12.20 – 12.40 **Virginie Russ**, Founder & Managing Director, New Energy Technologies
Impact of US tariffs on the graphite supply chain
- 12.40 – 12.45 **Conclusion**

THURSDAY, NOV 6

11:00 – 12:45

Session 25 – Supporting the Battery Value Chain in Europe

RHONE 1

Moderator: **Bill Williams, BAC**

- 11.00 – 11.20 **Raphaël Becques**, Battery project manager - Coordinator of the French battery strategy, Directorate general for companies, French Ministry of the economy and finance
France's battery strategy – Current situation and outlook in a fast-changing European market
- 11.20 – 11.40 **Julien Besnier**, Director - France Head of Battery sector, Turner & Townsend
Get ready for your next gigafactory: build smarter on market lessons learnt
- 11.40 – 12.00 **Ines Miller**, Associate Partner, P3 Automotive
Europe's Reimagined Role in the Global Battery Ecosystem: A Strategic Response to Evolving Pressures
- 12.00 – 12.20 **Jonathan Krauß**, Head of Digitalization in Battery Cell Production, Fraunhofer FFB
The energy transition – A global perspective, challenges in the European industry and a potential path forward
- 12.20 – 12.40 **Simon Engelke**, Founder & Chair, Battery Associates
Navigating Battery Industry Risks
- 12.40 – 12.45 **Conclusion**

11:00 – 12:45

Session 26 – Regulatory and Standards

RHONE 3

Moderator: **Noura Rahbani, Weloop**

- 11.00 – 11.15 **Conrad Szczuka**, Battery Scientist, Joint Research Centre - European Commission
Battery durability in the EU: regulatory framework, standardisation landscape, and experimental insights
- 11.15 – 11.30 **Kinga Timaru-Kast**, Director, Public Affairs & Communications, Recharge
EU Batteries Regulation implementation update
- 11.30 – 11.45 **Joël Brice Voumo Tiogo**, Business Development Manager, AVL
AVL's Pioneering Role in Shaping the EU Digital Battery Passport
- 11.45 – 12.00 **Jakub Kacki**, Business Development Manager, UL Solutions
Battery Cells Certification - why should you consider and how to do it?
- 12.00 – 12.15 **Alexis Petain**, Battery Certification Testing Expert, CrittM2A & **Valentine Menuet**, Head of Sustainability and Circular Economy, LCIE Bureau Veritas
Certified to Sell: The Roadmap to Battery Market Access
- 12.15 – 12.45 **Q&A with all speakers**

THURSDAY, NOV 6

11:00 – 12:45

Session 27 – Battery Market - EV Application

SALON PASTEUR

Moderator: Anna Teyssot, Exergon

- 11.00 – 11.20 **Nicolo Campagnol**, Director, McKinsey
Battery cells and components supply/demand: implications in the short and long term
- 11.20 – 11.40 **Shivangee Chauhan**, Battery Cost Analyst, Benchmark Mineral Intelligence
Forecasting 2030 Battery Costs
- 11.40 – 12.00 **Viktor Irle**, Founder & Sales Director, EV Volumes
EV Sales around the world, yesterday, today and tomorrow – a deep dive in sales stats historically and forecasted, by region and by OEM and its implications on battery demand
- 12.00 – 12.20 **Emmanuelle Lancelle Beltran**, Senior Manager, Stellantis
Lightweighting in Automotive Batteries – Conflicts and Contradictions
- 12.20 – 12.40 **Pierre Tran Van**, Battery R&D engineer, Ampère Groupe Renault
R5 electric: cell product/process innovation & field feedback
- 12.40 – 12.45 **Conclusion**

11:00 – 12:45

Session 28 – Zinc based Batteries

RHONE 4

Moderator: Josef Daniel-Ivad, International Zinc Association

- 11.00 – 11.20 **Alessio Mariani**, Vice-President, EOS Enterprise
Fostering LDES market in EU with Zinc Technology
- 11.20 – 11.40 **Manan Haq**, CEO, Hilabs
Beyond Lithium: A Zinc Battery Made from Organic Local Supply Chain
- 11.40 – 12.00 **Didier Guillonnet**, CEO & Co-Founder, Aza Battery
Harnessing Intermittent Renewables: The Role of Zinc-Air Batteries
- 12.00 – 12.20 **Jean-Luc Cialdini**, CEO, EasyZinc
EasyZinc's solutions for improving Zinc battery rechargeability
- 12.20 – 12.40 **Christoph Müller**, Project Manager Rechargeable Zinc Batteries, Grillo
Recycling of Zinc Batteries
- 12.40 – 12.45 **Conclusion**

12:45 – 14:15

Networking Lunch in the exhibition area
This lunch is kindly sponsored by



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14:15 – 15:45

Plenary Session – Battery production in Europe

AUDITORIUM LUMIERE

Moderator: **Christophe Pillot**, Avicenne Energy &
Pierre Bagnon, Capgemini

- 14.15 – 14.30 **Yann Vincent**, CEO, ACC
- 14.30 – 14.45 **Raune Asen- Hübner**, Head of Operations Management, PowerCo
- 14.45 – 15.00 **Christophe Mille**, CTO & co-founder, Verkor
- 15.00 – 15.15 **Maher Chebbo**, Managing Director Europe, Univers
- 15.15 – 15.30 **Arthur Saraiva**, Government Affairs Manager, CATL
- 15.30 – 15.45 **Luz-Deinny Cely Hostos**, Performance and Operations Director, Orano

15:45 – 16:30

Coffee break in the exhibition area

16:30 – 18:30

Plenary Session – Battery production in Europe

AUDITORIUM LUMIERE

Moderator: **Christophe Pillot**, Avicenne Energy &
Pierre Bagnon, Capgemini

- 16.30 – 16.45 **Richard Bouveret**, Chairman & CEO, Blue Solutions
- 16.45 – 17.00 **Calvin Hsieh**, Vice President Manufacturing Center Europe & Gigafactory, ProLogium Technology Europe
- 17.00 – 17.15 **Luc Hovan**, Independent Advisor - Energy Transition & Industrial Strategy - Former Vice President Northvolt
- 17.15 – 17.30 **Patrick Pelata**, President of Meta Strategy Consulting & President of French National Academy of Technology
- 17.30 – 18.30
Panel Discussion with all the speakers

19:00 – Midnight

Gala Evening

Lyon Convention Center – Amphithéâtre 3000

USEFUL INFORMATION

Event Venue

Lyon Convention Center

Centre des Congrès de Lyon – Cité Internationale

50 Quai Charles de Gaulle

69006 Lyon – France

Entrance H (main entrance in front of the bear statue)

Opening Cocktail (Tuesday, November 4) and **Afterwork Drink** (Wednesday, November 5)

Lyon Convention Center – Forums 1, 2 & 3

Centre des Congrès de Lyon – Cité Internationale

50 Quai Charles de Gaulle

69006 Lyon – France

Entrance H

Gala Evening (Thursday, November 6)

Amphithéâtre 3000

1 Quai Charles de Gaulle

69006 Lyon, France

Entrance A

Dress code is “smart casual”.

More information:

<https://batteriesevent.com>

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