



Battery Tech Expo

Event guide

Thursday 10th October 2024
Eriksbergshallen, Gothenburg
www.batterytechexpo.events

**HUNDREDS
OF INDUSTRY
BUYERS,
SPECIALISTS
AND SUPPLIERS**



**Battery
Tech
Expo**



Battery Tech Expo

With the energy transition journey developing at an undeniable pace, the EV battery supply chain across the Nordic region charges forward with Gothenburg in particular, seen as a city of innovation. Today, at the Battery Tech Expo Sweden, you'll have the chance to experience the latest technological developments from cutting edge exhibitors showcasing their latest products and services. During the day, industry experts will be presenting a variety of topics in the Speaker Zone. There's also an opportunity to network and connect in the café area.

We wish you a productive day and look forward to seeing you October 2025!

D. Reeks

David Reeks



David Reeks

Managing Director,
10Four Media

Events Team



Rebekah Ford



Helen Peden

Speaker agenda



Topic: Elevating battery manufacturing quality

Virginie holds an engineering degree in "Energy systems and thermal transfers" from Polytech' Marseille complemented by a engineering specialization in "Products & Energy" from the French Petroleum Institute. After more than 14 years in the Automotive OEM's and Aftermarket sector, she joined Hexagon Manufacturing Intelligence in 2018.

From her different roles in Automotive industry, she combines industrial challenges knowledge with software expertise.

9:05



Virginie Turc
Battery Lead
Practices Manager
Hexagon



Topic: How to find the fly in the ointment: Why battery inspection is crucial for reliable products

Harsh Samsukha is working as a Sales Manager and Solution Engineer at Safion GmbH, a young, fast-growing company in Germany and a well-known name in the field of fast and accurate lithium-ion battery testing, incoming goods inspection, and second-life diagnosis of batteries. He has an expertise in creating strategic sales solutions tailored to diverse business needs, and has catered to customers in Asia, Europe, and the Americas. With a proven track record of driving revenue growth and fostering long-term client relationships, Harsh excels in aligning technical capabilities with business objectives. He holds a Master's degree in Electrical Engineering with specialization in the field of battery diagnostic algorithms and their implementation from the RWTH Aachen University in Germany.

9:30



Harshvardhan
Samsukha
Sales Manager
Safion GmbH

Eriksbergshallen



Topic: Cleanroom garment system - adapted to the special requirements of battery cell production

Studied industrial engineering at the University of Karlsruhe and then joined the parents' company (Dastex).

Since 1992 actively involved in the cleanroom environment - with a focus on 'further development of cleanroom clothing systems'. In addition, as chairman responsible for the German guideline 2083 - sheet 9.2 'Cleanroom consumables' and German expert in the ISO committee for the new guideline 214644-18 'Cleanroom-suitable consumables'.

Speaker at national and international events on the topics of cleanroom garments, consumables and contamination control strategies.

From 2023 free consultants for contamination control (with the above priorities).



Topic: Unlocking Battery Potential: Optimizing Cell Performance and Production through Interface Analytics

Despite advancements in cell chemistries, many innovations fail to scale up from lab to gigafactories. The challenge is maintaining quality and safety while minimizing scrap rates. Smart interface analytics could help, especially by optimizing the wetting process of liquid electrolytes with porous electrodes, which influences electrochemical performance and shortens production time. Techniques like drop shape analysis offer valuable insights into wetting behavior. Improving wetting rates through slurry composition, calendaring, and surface modifications can enhance lithium-ion battery performance and manufacturing efficiency, offering greater benefits than minor material or technology improvements.

9:55



Carsten Moschner
Contamination
Control Consultant

Vita Verita part of Dastex

10:20



Malte Snoyek
Technical Consultant

KRÜSS GmbH

Speaker agenda



Bio:

Yue Jin is part of the founding team and leadership at Circulor, the leader in supply chain traceability; and is Vice President of Strategic Accounts and responsible for key customer relationships and Circulor's APAC region. His other responsibilities have included leading sales and business development, product and customer implementation. He has worked with key customers from mining, through the midstream and to OEM manufacturers, to use its end-to-end supply chain traceability technology to reduce risk and meet their ESG, compliance and sustainability goals. Yue Jin has worked on a range of innovative technology initiatives across global supply chains for over 25 years in Shell, Sony, Compaq, 3Com and in the UK Public Sector with PA Consulting and Proserve.

10:45



Yue Jin Tay
Vice President,
Strategic Accounts
Circulor



CHALMERS
UNIVERSITY OF TECHNOLOGY

Topic: More sustainable recycling of Li-ion batteries - research activities at Chalmers University of Technology

Associate professor at Industrial Materials Recycling group. She has more than 16 years of experience in waste management of spent batteries. Main scope of her work is the development of chemical processes for recovery and reuse of valuable materials.

11:30



Martina Petranikova
Associate Professor

Department of Chemistry and
Chemical Engineering
Nuclear Chemistry and Industrial
Materials Recycling, Chalmers
University of Technology

Eriksbergshallen



Topic: EV batteries- Qualifying ad pretreatment for Reuse and/or discharging for Recycling

Hamed is the Head of Business Development and a board member with over a decade of experience in the battery industry. His career spans roles in startups, medium-sized companies, and large corporations, contributing to various stages of the battery value chain, from module and pack manufacturing to EV OEMs. Hamed holds a Ph.D. in Material Chemistry and has a good understanding of the science behind batteries. Currently, he focuses on battery testing and preparation for their "after 1st life". A self-described battery nerd and entrepreneur, he combines his technical and business expertise to drive innovation in the energy sector.

11:55



Hamed Hooshyar Board member and Head of BD

WireFlow



UK BATTERY
INDUSTRIALISATION
CENTRE

Topic: Opportunities & lessons learned in battery manufacturing scale-up

Yahya has over 25 years of experience within the automotive industry in mechanical engineering, industrial engineering, product development life cycle, project and program management, electrification, and battery design and development projects.

He joined UKBIC's commercial team in 2022 as Business Development Manager, before becoming Head of Business Development in July 2024, where he supports UK and international customers to develop, optimise and scale-up their battery electrodes, cells, modules, and packs.

Prior to UKBIC, Yahya worked at Ricardo UK where he delivered consultancy services for battery module and pack design and development projects, and for Ford, at its Technical Centre, where he managed engineering consultancy projects and the delivery team for Altran UK

12:35



Yahya Alvar Head of Business Development

UKBIC

Speaker agenda

excillum

Topic: Improving Battery Safety and Process Control with High-Speed X-ray Micro-CT

Till Dreier works as Application Scientist at Excillum AB focused on X-ray imaging applications, especially micro- and nano-CT. He holds a Ph.D. in Medical Radiation Physics from Lund University (Lund, Sweden), a M.Sc. in Electronics Engineering in Radiation Sensor Systems from Mid Sweden University (Sundsvall, Sweden) and a B.Sc. in Electrical Engineering from the Osnabrück University of Applied Sciences (Osnabrück, Germany).

13:30



Till Dreier
Application Scientist
Excillum AB

MERCK

Topic: Powering the Future: Advanced Materials for Next Generation Batteries

Dr. Adelina Braun did her doctoral thesis in Materials Science at Saarland University, Germany with the topic "Nanomaterials for optoelectronic applications". She started her professional experience at the European Commission's research center working as a grant on nanomaterials research projects. Adelina joined Merck 8 years ago and is as EMEA Technology Manager responsible for the Materials Science portfolio.

14:10



Dr. Adelina Braun
Technology Manager
/Materials Science
EMEA
Merck Life Science KGaA

Eriksbergshallen



Topic: What are the challenges when making the move from 400V to 800V in EVs

Bo Öhrwall serves as Manager for Pickering operations for the Nordic, with approx. 25 years of experience in the company. Bo has a technical education and has worked in the company for 25 years. Bo has a broad experience in various domains and applications. Especially focused on technical challenges with in power/energy projects.

14:35



Bo Öhrwall
CEO

Pickering AB

STANLEY Engineered Fastening

Topic: Increasing safety & performance for prismatic battery cells: innovative swelling compensation integrated in thermal isolation sheet.

A PhD holder, Matthias has over two decades of experience spanning across engineering, research, and development wings of large multi-national organizations. Since 11 years Matthias works for STANLEY Engineered Fastening holding different senior positions. As Vice President for R&D globally Matthias leads the engineering teams in Asia, North America and Europe. Hi and his team are responsible for developing technical differentiated fasteners, components and innovations for EV batteries. For that battery purpose, battery innovations teams in China, Germany and USA were built up targeting the main technical challenges for batteries. Matthias also is a speaker at leading industry events on battery innovations and joining and fastening conferences.

15:00



Dr Matthias Wissling
VP of Produce
Engineering for
Electricification
& Mobility

Stanley Engineered Fastening

Speaker agenda



Topic: Empirical End-of-Life Performance Modeling of Aerogel Thermal Barriers

Cell barriers are critical for thermal propagation protection and maintaining the state of health (SOH) of cells in EV modules and packs. However, engineers often lack time for long-term testing to guide design decisions. Predicting cell pad performance throughout the battery's lifecycle is essential for ensuring safety and optimal performance. This presentation explores next-generation forecasting models that integrate real-life data to improve lifecycle performance assessments and increase confidence in engineers' thermal propagation protection strategies.

15:25



Tyler Gurian
Senior Battery
Program Engineer

Aspen Aerogels, Inc.

AUTOMATION SOLUTIONS FOR BATTERY TESTING & ASSEMBLY

JOTAUTOMATION.COM

JOT
automation



**Battery
Tech
Association**

Learn, Share, Network

Connecting professionals
across the battery value chain

VISIT US AT STAND 51



WWW.BATTERYTECHASSOCIATION.ORG

Exhibitors

ab ninolab

Stand 33

AB Ninolab
www.ninolab.se

To supply Swedish and Danish laboratories with instruments, laboratory furniture and fume hoods of highest quality and also provide technical service on all delivered products.

The logo for Aichelin group features the word "Aichelin" in a bold, red, sans-serif font. Above the letters "i" and "c" is a thin, grey, curved line that arches over the text. Below "Aichelin" is the word "group" in a smaller, grey, lowercase sans-serif font.

Aichelin
group

Stand 9

AICHELIN KILNPARTNER
www.aichelin-kilnpartner.com

AICHELIN KILNPARTNER is offering industrial kiln systems and automated thermal processing systems. Its products are widely used in the industries of Li-ion batteries, Sodium-ion batteries, honeycomb ceramics, 5G communication, electronic ceramics, and magnetic materials. Our aim is to develop, manufacture and install the best heat treatment technology for European battery manufacturers and to support it throughout its life cycle.

The logo for ALIARO, featuring the word "ALIARO" in a bold, sans-serif font. The letters "ALI" are white, "A" is green, and "RO" is white, all set against a black rectangular background.

Stand 15

ALIARO

www.aliaro.com

ALIARO was established in 2014 with the goal of delivering innovative and dependable testing solutions to clients across a wide range of industries worldwide. Our core mission is to build enduring partnerships with our clients by offering exceptional products and unmatched customer service. Over time, we have become a leading provider of modular and reusable testing solutions, designed to adapt to the changing needs of our clients. Our solutions are not only future-proof and flexible but also integrate seamlessly into existing testing environments with minimal lead times.



Stand 58

Alvatek Limited

www.alvatek.co.uk

Headquartered in the UK, we provide the systems, tools, materials and services needed for the design, build, test and development of batteries, fuel cells, electrolyzers and hybrid technologies. We also offer a range of solutions, test and measurement equipment for research laboratories, manufacturers and field projects.

Our broad product range and in-house expertise support our consultative approach, working closely with our customers to define the best solutions for their needs and, critically, to provide ongoing support services.

We represent leaders in the field including, EL-Cell, Cognition Energy, Nanobase, Cellerate, Vigor, Ivium, BaSyTec, Origalys and Novonix

Exhibitors



Stand 47

Anton Paar Nordic AB

www.anton-paar.com

Anton Paar provides a wide range of methods and technologies for characterizing battery materials

- BET surface area and pore size
- Particle size
- Density
- Separator pore size
- Electrode slurry analysis
- Electrolyte measurements

The Anton Paar Group develops, produces, distributes and provides support for analytical instruments used in research, development and quality control worldwide. Located in Malmö, Sweden, Anton Paar Nordic provides sales, application support and service to users across Sweden, Finland and Denmark.



Stand 46

Arctest AB

www.arctest.se

Arctest develops, design and manufacture bespoke solutions for Environmental test equipment such as test rooms, chambers and mobile solutions like containers and trailers.

Our customers among others, are the Finnish and Swedish military who are successfully using our ARCMIL-202 test container. Also, the defense material industry is an important customer group for us, with customers like: SAAB Bofors Test Center, SAAB Dynamics, BAE Systems Hägglunds, Nammo, Patria, SAKO etc.

As a new product we have manufactured tailored made Climate test containers for the car battery industry, including a Temperature Chock Test Container where the object moves between a hot and a cold chamber (max weight of test object is 1000kg).

Welcome to visit us and talk about your needs of test equipment.

... **arranged.** **Arranged BV**
www.arranged.be

Stand 32

ARRANGED is an internationally active filter and filtration process technology provider specialized in coatings.

In recent years, the focus has been on the rapidly growing market of digital printing technologies.

Based on our decades of experience in the filtration of coatings (e.g., offset printing plates), we can assist and supply battery manufacturers with products to improve their production yields.

Our filtration solutions contribute to the efficient implementation of complex and quality-critical filtration processes in anode/cathode production as well as in the laboratory, through customized filtration concepts.

The product portfolio includes filters, stainless steel housings, laboratory equipment, and process-controlled filtration systems.



Stand 28

asecos GmbH
www.asecos.se

asecos is the world's leading manufacturer of safety cabinets acc. to the European standard DIN EN 14470-1 and -2. At Battery Tech Expo you have the possibility to meet our experts and learn more about the safety cabinets for lithium-ion batteries, ION-LINE .

asecos ION-LINE is suitable for active (charging) and passive storage of lithium-ion batteries with 90 minutes fire protection both inside-out, and outside-in.

The models PRO CHARGE and PRO STORE has a high quality 3-step warning system which gives you even higher safety when charging and storing lithium-ion batteries.

Exhibitors



Aspen Aerogels, Inc
www.aerogel.com

Stand 52

Partner with Aspen Aerogels and leverage our 20+ years of proven excellence in manufacturing high-performance aerogels at scale. As a Tier 1 supplier for global automotive OEMs, we are proud that our PyroThin® thermal barriers have been honored with Automotive News' PACE Award and Innovation Partnership Award. PyroThin combines unparalleled thermal propagation protection with mechanical resiliency through end-of-life (EOL). Third-party testing has shown that PyroThin stops thermal propagation at the cell-to-cell level. OEM feedback confirms that their long-cycle mechanical testing aligns with our predictive models, validating PyroThin's exceptional performance.



Avantor, delivered by VWR
se.vwr.com

Stand 37 - 38

Avantor® is a leading provider of mission-critical products and services to the advanced technology and battery industries. We work side-by-side with customers at every step of their innovation journey to enable breakthroughs in energy storage, power solutions, and technology. Our portfolio is utilized in virtually every stage of the most important research, development, and production activities at more than 300,000 customer locations in 180 countries.



BATIXT - Battery Index Technology

www.batixt.com

Stand 31

Battery Index Technology develop next-generation EIS scanners for improved battery testing. Their innovative R³ EIS technology provides Rapid, Reliable and Repeatable test results. Up to 60,000 frequencies from 10 mHz to 10 kHz are measured simultaneously in only a few minutes. Full SoC sweeps or battery cycling, with hundreds or thousands of frequencies measured at multiple chosen SoC levels, can be user programmed and quickly performed.

The speed and accuracy of BATIXT EIS scanners will open up for new exciting avenues in battery research and make EIS battery assessment feasible in production, service or second-life contexts.



Stand 51

Battery Tech Association

www.batterytechassociation.org

The Battery Tech family connects key players across Electric Vehicle (EV) battery markets and niches, offering a platform for industry leaders to share insights and stay ahead of trends.

We deliver highly customized content that meets our members' most sophisticated needs, from technological advancements to market analysis. By fostering a collaborative community, we empower professionals with the knowledge and tools needed to drive progress in the evolving EV battery sector.

Whether you're an industry veteran or an emerging innovator, the Battery Tech family is dedicated to supporting your success with expert insights and valuable connections.

Exhibitors



Stand 6

Berner Lab **www.bernerlab.se**

Berner LAB, previously LAB Sweden AB, supplies high quality laboratory equipment for all of Scandinavia. With sales and equally important service offices in Sweden, Norway, Denmark and Finland we strive to supply laboratories and production sites with quality products and quality service. Our product range includes consumables, automation, biology/life science, basic equipment, analytical instruments and laboratory furniture.

For Battery Expo our focus will be the analytical instruments from Analytic Jena including AAS, ICP, elemental analysis and TOC along with process thermostats from LAUDA for controlled temperature during testing or processes.



Stand 13

BINDER GmbH **www.binder-world.com/int-en**

As a family-owned company, BINDER is the world's largest specialist in simulation chambers for scientific and industrial laboratories. Sophisticated cutting-edge technologies, pioneering innovations and absolute precision are our top priorities.

Our focus is on the perfect simulation of biological, chemical and physical environmental conditions for a wide range of industries. Our promise is "Best conditions for your success" with superior products, the best service packages and professional advice.

BINDER is committed to a sustainable future with the largest photovoltaic system in the district of Tuttlingen, energy-efficient production halls, geothermal heating, ISO certifications and has been awarded the EcoVadis Bronze Medal.



Camfil Svenska AB
www.camfil.se

Stand 24

HELPING PEOPLE BREATHE CLEANER AIR SINCE 1963

We create a healthy and productive indoor environment. With the right filtration solutions, you can get good indoor air quality, regardless of whether you work in an office, school, warehouse or factory. You also save energy and therefore money. For more information, welcome to camfil.se.



Circular Ltd
www.circular.com

Stand 30

Circular is the market leader in battery passports and critical mineral value chain traceability. The Circular platform enables miners, refiners as well as battery and auto manufacturers to gain visibility into their supply chains to demonstrate responsible sourcing, improve their ESG performance, reduce Greenhouse Gas (GHG) emissions, manage the supply chain risks and then combine all this into a battery passport. Circular is a global business with growing teams based in EMEA, NA, and APAC, collaborating with clients worldwide.

Exhibitors



Test & Measurement
Solutions

Stand 53

CN Rood Nordics AB

www.cnrood.com

Dependable.

Reliable.

Knowledge Partner.

Since the day we were founded in 1938 CN Rood has been on the cutting edge of technology. Enabling us to help you solve the challenges you encounter using the latest technological developments and insights.

Consultancy and training.

Products and solutions.

Service and support.



Stand 43

CN Tech

www.cntech.co.uk

CN Tech specialises in all areas of surface analysis and materials testing for scientific and industrial applications. We provide sales and support across an expansive and evolving product portfolio, which includes instrumentation for surface measurement, material and mechanical testing, and electron microscopy.

We also offer environmental isolation solutions, and a range of laboratory supplies and consumables. With many years of experience in the fields of metrology and nanoscience, our technical specialists can help provide imaging and measurement solutions for a wide range of academic and industrial needs.



Stand 26

Cromocol Scandinavia AB

www.cromocol.se

At Cromocol, we have been steadfastly committed to quality, innovation, and a sustainable future for nearly eight decades. We supply instruments and equipment for testing materials and components from world-leading manufacturers, known for their quality and technical innovations.

Our journey, which began in 1945, has been marked by a pursuit of excellence and a dedication to supporting cutting-edge technologies that shape a more sustainable tomorrow.

Cromocol empowers forward-thinking companies to shape the future with cutting-edge testing equipment and solutions. We deliver solutions that propel innovation, ensuring our clients stay ahead in their industries.



**DATAVÄRDE
TEKNIK**

Stand 10

Datavärde Teknik Norden AB

www.datavardeteknik.se

Datavärde Teknik is a technology consulting company, currently composed of a group of experienced engineers with over 40 years of combined experience in battery development, analysis, and testing. We offer our clients support in everything from complete development projects (in-house) to on-site consultancy and expert consulting.

The company has focus areas are, but not limited to:

- Software development within, data management, server programming and battery analytics.
- Energy control systems such as EMS and BMS, supporting stationery energy systems and vehicles.
- Project management, system design and installation.
- Risk and Hazard analyses of ESS etc.

Exhibitors

Elastocon[®]

Stand 41

Elastocon AB
www.elastocon.se

Elastocon develops, manufactures and sells instruments for testing of rubber and plastic materials.

In the Nordic countries we also represent several well-known manufacturers of testing equipment for plastics, rubber, metal, textile, building materials, paint, batteries and more.

Our objective is to offer instruments with high precision, which gives accurate results.

At Elastocon, you will find Binder's battery test chambers, which are suitable for tests performed on lithium-ion cells and modules, and C-Therm Trident, which measures the thermal conductivity of batteries.

In addition to sales, we also offer accredited calibration of testing equipment and accredited testing services for rubber and plastics.



Stand 48

H V Wooding Ltd
www.hvwooding.co.uk

H V Wooding Ltd is a leading UK manufacturer with over 50 years of experience in producing high-specification components like busbars, switchgear, core packs, and motor laminations. Serving global clients, we export 35% of our products worldwide. Our capabilities include Wire Erosion, Laser Cutting, Presswork & Tooling, Assembly, and Electroplating. Trusted by companies such as Schneider Electric, Honeywell, Rolls Royce, and GE Renewables, our commitment to quality and innovation has fostered partnerships spanning over 40 years. We are dedicated to delivering exceptional solutions to meet your specific needs.



HEXAGON

Hexagon (MSC Software Ltd)

www.hexagon.com

Stand 7

Hexagon's Manufacturing Intelligence division empowers makers to innovate and create without limit. Our solutions support optimisation throughout the product lifecycle, freeing creators to make better products in new innovative ways, benefitting people and the planet.

HORIBA

HORIBA Scientific - HORIBA Europe GmbH filial Sweden

www.horiba.com

Stand 23

The HORIBA Group provides a variety of instruments and systems for applications ranging from automotive, process and environmental monitoring, semiconductor manufacturing and metrology, to a range of scientific R&D and QC measurements. Proven quality and trustworthy performance have established widespread confidence in the HORIBA brand.

HORIBA Scientific provides a full characterisation for materials used in batteries to solve the key challenges of R&D and QC:

Precise characterisation of materials to optimise energy storage and conversion processes;

Understanding the complex structure-property relationships of different carbon forms assuring manufacturing quality;

Accurate testing and analysis methods to validate material properties and product integrity.

Exhibitors



IMI Norgren

imiplc.com/industrial-automation

Stand 17

Breakthrough Engineering for a Better World

We create solutions for our customers which enable smarter, safer, more productive and sustainable factories, production lines and warehouse operations.

Our pneumatic and electric motion systems help machine builders and end users around the world automate and optimise manufacturing and warehousing processes.

Our solutions support critical industries such as automotive, food and beverage, pharmaceuticals and even the space industry. We support the automation of precision manufacturing, product assembly, testing and packaging.

Our world-class product portfolio includes IMI Norgren, IMI Bimba, and IMI Bahr.

Breakthrough Engineering you can count on.



INFICON

www.inficon.com

Stand 22

INFICON is a leading provider of innovative instrumentation, critical sensor technologies, and Smart Manufacturing/Industry 4.0 software solutions that enhance productivity and quality of tools, processes, and complete factories. These analysis, measurement and control products are essential for gas leak detection in air conditioning/refrigeration, automotive and battery manufacturing.

They are vital to equipment manufacturers and end-users in the complex fabrication of semiconductors and thin film coatings for optics, flat panel displays, solar cells and industrial vacuum coating applications.



Stand 39



JOT Automation Oy

www.jotautomation.com

Smart automation solutions for future industries.

We provide industry-leading production solutions for assembly, testing, process and custom automation, from concept to creation and single equipment to complete turnkey solutions. With our solutions, ultimate design meets ultimate performance in minimal form. Just On Time.



Stand 36

LabRum AB

www.labrum.se

LabRum AB has more than 50 years of experience in laboratory- and climate test equipment, protection ventilation and laboratory furniture, we customize solutions for your needs. Our many years of experience in the field of climate simulation technology have given us an excellent understanding of our customers' needs. For the battery industries, we have delivered everything from climate chambers, clean air products to complete furnished laboratories. We offer a wide range of ESPEC climate chambers for Lithium Ion Battery testing, working within EUCAR 2 up to EUCAR 6.

LabRum products:

- Espec – Climate and temperature cabinets,
- Espec – Thermal Shock chambers.
- Espec / Qualmark – HALT and HASS chambers.
- Espec – Rain and Water Test Chambers, Climate chamber with solar simulator,
- Dust Test Chambers, Heating and drying ovens, Climate room.
- PlasLabs – Desiccators, Nitrogen Dry Boxes and Glove Boxes.
- Esco – LAF benches, clean air products,
- Gram, Vestfrost, Liebherr – ATEX-rated laboratory refrigerators / freezers, storage of items that can cause potential explosive atmospheres.
- LabRum – Laboratory furniture, fume cupboards, chemical, acid and poison cabinets

Exhibitors



Stand 11

Low2High Vacuum **www.low2high.se**

Low2High Vacuum markets and services all kinds of vacuum components from the rough vacuum to high vacuum area.

Specialties: VACUUM TECHNOLOGY, GAS ANALYSIS, and HELIUM LEAK DETECTING.

Low2High Vacuum constructs and customizes vacuum systems for all kinds of vacuum technology applications. With 60 years of experience in vacuum technology, we have a broad knowledge of helium leak detection applications.

Our program includes, among other things, pumps, valves, measuring instruments and leak detectors.



Stand 12

Matronic i Sverige AB **www.matronic.se**

Matronic has provided the Swedish electronic market with equipment and material since 1992.

Below a part of our products, some of them for EV:s "Preventing Moisture & Pressure in batteries" or intermittent connections / thermal management problems.

Conformal coatings, desiccants, desiccators, encapsulation material, humidity and electronic indicators, immersion breathers, moisture adsorbing polymers, Neps1000 purging systems, soldering equipment, solder paste, thermal management, pressure and vacuum valves.



Merck Life Science KGaA, Darmstadt (DE)

Stand 8

www.SigmaAldrich.com/battery-development

Merck is a vibrant science and technology company committed to harnessing the power of science for good. Through our cutting-edge Battery Materials offering, we enable cell manufacturers across the globe to produce batteries with unparalleled performance, extended run times, increased efficiency, and longer lifespans. Our advanced, high-purity materials support the development and production of innovative energy-storage devices, helping our partners in academia and industry to achieve their goals more effectively, efficiently, and safely. To discover more about our range of exceptional products, we invite you to explore SigmaAldrich.com/battery-development.



METTLER TOLEDO

www.mt.com/se/sv/home

Stand 3

METTLER TOLEDO is a leading global manufacturer of precision instruments and services for use in laboratories and manufacturing. We offer precision instruments and services for a wide range of applications in research and development, quality control, production, logistics and retail to customers. Very welcome to take a look at our solutions in stand nr. 3!

Exhibitors

MODEL ONE **Model One**

Stand 42

www.model-one.com

Model One provides simulation and modeling solutions in the field of electrochemistry and batteries. We develop simulation tools for batteries, which can be used to simulate and optimize the batteries' performance. Furthermore, we can also conduct a case study on a specific project of interest and provide a performance report and recommendations for materials or device optimization. Based on the case study, we can also develop a specific simulation app that can be further used for simulations and modelling. We aim to deliver solutions for the overall electrochemical battery performance and characterization, and also thermal management of battery packs.



Neware Technology Limited

www.neware.ltd

Stand 57

Neware Technology Limited was founded in 1998, headquartered in Shenzhen. The company is committed to providing high-performance battery testing systems to research institutes and corporation labs. For the past 26 years, Neware has continued to grow, currently with 1000+ employees working in the corporation, and served 50,000+ clients worldwide, with more than 440,000 devices running in service at the user sites. Neware's R&D team is working continuously to provide better solutions for the growing market needs. Over the years, we have contributed 1000+ patents and software copyrights, upgrading our devices to build a more user-friendly and reliable test system.



Stand 61

Oxford Instruments

www.oxinst.com

Oxford Instruments is a leading company in the field of high-tech instruments and systems for research and industry. Since our foundation in 1959, we have specialised in the design, manufacturing and support of various scientific instruments and solutions used in diverse fields such as material science, nanotechnology and industrial applications. Oxford Instruments plays an important role in advancing scientific knowledge and technological progress with its state-of-the-art instruments and solutions.

Our aim is to enable a greener, healthier and more connected advanced society.



Stand 40

Pickering Interfaces AB

www.pickeringpower.com

Pickering Interfaces AB, part of the Global Pickering Group supporting the Northern European Area.

Above modular switching & simulation modules for electronic test and verification we also provide advance battery testing technologies for all battery chemistries and power electronics solutions.

We offer items and services for high-performance electronic test and verification systems align with global industrial standards such as PXI, LXI and PCI platforms.

Exhibitors



Stand 59



PI-KEM

www.pi-kem.co.uk

PI-KEM specialises in providing high-quality chemicals, materials, and equipment tailored to meet the specific demands of battery research. From cases to chemicals, custom coatings to sodium discs, battery analysers to pilot-line equipment, we're purpose-designed to accelerate your new energy research and development.

In addition, we pride ourselves in offering technical support and expert guidance to ensure you get the best solution for your application. Our expert Energy Research team is happy to offer guidance across a wide range of subjects from niche material sourcing to global trade and logistics expertise.

We enable innovation - power up your research with PI-KEM.



Stand 55 - 56

Plasmatreat

www.plasmatreat.com

The fourth state of matter revolutionizes industrial production

Plasma pretreatment is the key enabler technology for microfine cleaning, surface activation and plasma coating of nearly all kinds of materials – from plastics, metals and glass to cardboard, textiles and composites. More and more conventional industrial pretreatment methods are being replaced by plasma technology in order to make processes more effective and environmentally friendly.

Innovation is pivotal to what we do. Every day we work on developing new and creative solutions to meet our customers' challenges. Plasmatreat offers a broad spectrum of plasma systems and equipment for atmospheric plasma processes (Openair-Plasma®) and for low-pressure plasma technology (Aurora). With our own technology centres and sales teams at 34 different locations around the world, the Plasmatreat group has a global presence.

Backed by 20 years of experience, we can say with conviction that the future belongs to Plasma. The potential for application of plasma technology is virtually inexhaustible.

<https://www.plasmatreat.com/en/industry-solutions/automotive/electromobility/>



Stand 29

RAMC AB

www.ramcon.eu

Ramcon was established in 1988, and is today a modern company with more than 80 employees in sales, support and service. We focus on these three core areas, and we target the Industrial, Medical, Chemical and Life Science market in the Nordic countries. RAMCON currently have 4 offices placed in Birkeröd, Vejle, Gothenburg and Stockholm.

Ramcon is a focused distributor with a robust organisation with a high level of professionalism. The company is ISO 9001:2015 certified and consist of competent and well educated employees. Our strength is to know our customers' needs as well as a vast knowledge of the Industrial, Medical, Chemical and Life Science market.



Stand 1

Spectral AB

www.spectral.se

Spectral AB provides equipment for quality control and product development to the Nordic battery industry. We are experts in electron microscopy and chemical surface analysis. Together with our clients we setup workflows from sample preparation to imaging and analysis as well as data post processing and reporting.

Exhibitors

STANLEY
Engineered Fastening

Stand 50

Stanley Engineered Fastening
www.stanleyengineeredfastening.com/en

STANLEY Engineered Fastening, a division of Stanley Black & Decker, is a trusted design partner for the world's largest and most innovative creators.

Our longstanding expertise across multiple industry segments brings nearly a century worth of valuable knowledge, products and collaboration experience to empower our customers to accelerate the electric future.

With industry-leading brands that deliver the World's #1 Fastening Systems™, cutting edge innovations in battery thermal propagation prevention, and a team of passionate problem solvers, at STANLEY Engineered Fastening we help our customers elevate what they create to move the world forward.

TestNordic 

Stand 49

TestNordic
www.TestNordic.se

TestNordic is a distributing company spanning from battery discharge testers to battery monitoring system to dewpoint calibration instrument.

Welcome to meet us at both 49.



Thermtest Europe AB **www.thermtest.se**

Stand 25C

For nearly two decades, Thermtest has been at the forefront of thermal conductivity measurements. Our advanced and intelligent instruments and expert services empower clients to understand and optimize battery thermal performance. With our MP-1 instrument and the Transient Plane Source method, you can accurately measure directional thermal conductivity, thermal diffusivity, and specific heat of cylindrical and pouch type batteries – and almost any other material type. Experience the Thermtest apex technology for analysing thermal conductivity today!



VACPRO ApS **www.vacpro.dk**

Stand 16

We are an official partner and distributor of Jacomex, an international leader in the supply of gloveboxes, insulators and neutral gas purification systems. We have a lot of experience in custom design of gloveboxes in Battery R&D and small production applications. Please contact us to find out more about how we can help you to find the most effective solution.

Exhibitors



Stand 14

Vilion (Shenzhen) New Energy Technology Co., Ltd.

www.szvilion.com

Vilion is a comprehensive energy service high-tech enterprise integrating R&D, sales and service of battery energy storage related products. It focuses on the C&I user side battery energy storage system integration technical services and is committed to becoming a professional BESS technology and solution service provider.

- The founding team is from the Global Top 5 battery enterprises
- R&D engineers are accounted for more than 50% employees
- The driving force specializes in C&I BESS since 2020
- European headquarters in the Netherlands and localized technical service partner



Stand 44 - 45

Vita Verita part of Dastex

www.dastex.com

Dastex Reinraumzubehör has been one of the leading manufacturers of cleanroom garment systems since 1979.

At the headquarter in Germany the European warehouse, sales office and R&D are located and together with the sales office in Benelux, Austria, Switzerland and Nordics, Dastex distributes a large portfolio of cleanroom garments and consumables for controlled areas all over Europe.

In R&D, Dastex develops and tests garment concepts for well-known companies in the pharmaceutical, semiconductor, automotive and aerospace industries, among others.

Since 2023, the owner-managed company acquired VITA VERITA (Sweden) and AET (Norway) two well-known companies in Nordics for partnership for controlled areas.



Stand 54

Willy A. Bachofen AG

www.wab-group.com

WAB-GROUP® is the global expert in wet grinding technology, mixing technology and flow chemistry with its agitator bead mills (DYNO®-MILL), three-dimensional shaker mixers (TURBULA®, dyna-MIX®) and mechanochemical reactors (WAB IMPA°CT REACTOR®). For more than 60 years, WAB-GROUP® is setting the standard for quality and innovation in the world of these process technologies. With its proven and future-oriented product portfolio, WAB-GROUP® supports and advises its international customer base from various industries such as battery materials, industrial paint, crop protection, ink, coatings, as well as life sciences, including applications in pharma, cosmetics and food technology.



Stand 34 - 35

WireFlow AB

www.wireflow.com

WireFlow develops and manufactures advanced electronics and software within test and measurement, serving leading companies worldwide. Our Bifrost Battery Test Solution, based on WireFlow's extensive experience in battery applications and hands-on expertise in delivering robust test and measurement systems, can be tailored to meet our customer's specific requirements. We provide reliable testing for battery packs and modules across various application areas such as Research and development, Manufacturing, After market and refurbishment, Remanufacturing, Repurposing and Recycling.

Exhibitors



Stand 2

ZARGES AB

www.zarges.se

The transport and storage of lithium batteries, defective or intact, is subject to strict safety regulations. ZARGES offer a range of aluminum boxes for safe storage and transport of lithium-ion batteries – even if they are defective or damaged.

For 90 years ZARGES has stood for uncompromising quality and innovation with a goal of offering professional and customized logistic solutions for any requirement. ZARGES boxes are lightweight yet stable, corrosion-proof, non-magnetic and easily adaptable to a wide range of applications.

Rely on more than 30 years of experience of hazardous goods packaging solutions, where safety, durability and ergonomics are the focus.



Stand 27

ZEISS

www.zeiss.com

Battery quality management in production – Ensuring superior long-term performance.

In the NEV sector, batteries are at the heart of a wide range of quality management applications. These span the entire battery production workflow from initial development to final assembly. Analyzing the battery materials, inspecting the battery electrodes, performing final inspection on the manufactured cells and modules, checking the battery tray – you can do it all with the ZEISS portfolio.

With industrial microscopy, computed tomography (CT), coordinate measuring machines (CMMs), and optical 3D measurement systems, the ZEISS portfolio uses software solutions to capture the quality data required to ensure battery safety and performance for electric vehicles.

PI-KEM



POWER UP YOUR ENERGY RESEARCH

**PI-KEM specialises in providing all you need
for your Coin, Cylinder & Pouch Cell Lines.**

From coin cell cases to sodium chemicals, custom coatings
to battery analysers and pilot-line equipment, we're
purpose-designed to accelerate your new energy R&D.



We pride ourselves in offering technical support & expert guidance
to ensure you get the best solution for your application.

Speak to our expert team on Stand 59

We enable innovation at pi-kem.co.uk

+44 (0)1827 259250 e-mail sales@pi-kem.co.uk

Floor plan

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Battery Tech Expo

Upcoming events:

Battery Tech Expo France
Lille, France
30 January 2025



Battery Tech Expo UK
Silverstone, UK
26 - 27 March 2025



Battery Tech Expo Sweden
Gothenberg, Sweden
October 2025



www.batterytechexpo.events