



BATTERY ASSOCIATES

# BATTERYMBA

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Open to all battery enthusiasts

[www.battery.mba](http://www.battery.mba)

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## WHY CHOOSE THIS COURSE

**Online, bespoke, and impactful:** BatteryMBA is a global training course for aspiring battery experts who want to (1) understand pressing issues in the battery space; (2) increase their technical and market-driven knowledge of battery-relevant topics; and (3) grow their network of battery experts. Our 12-week online programme combines **live online lectures, networking events** with battery specialists, access to **past lecture recordings, small group discussions, presentations**, and battery-focused **case study analyses**.

**Quality instructors:** Lecturers have experience in leading industry names like Tesla, SVOLT, QuantumScape, Octopus EV, Fluence, Hitachi Energy, AVL, AMTE Power, Glencore, CNRS, Iberdrola, University of Oxford, and others. Their expertise span both research and industry-focused sectors, and Q&A sessions guarantee networking opportunities with all lecturers.

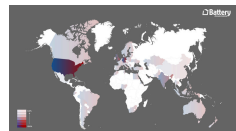
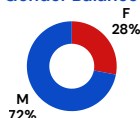
**Global, trusted, and certified:** Our 800+ alumni are based in 60+ countries in 5 continents and our network is continuously growing. The course is certified by UK CPD Certification Service

Visit: <https://cpduk.co.uk>



25.1% Founders, CxOs, Directors  
35.9% Battery experts, engineers, technical managers  
10.5% Students, PhD or Interns  
28.5% Business & managerial (sales, strategy, etc...)

Gender Balance



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## WHAT WE OFFER

### 'Meet The Leader' lectures:

The programme includes 12 live sessions, including 10 live lectures and 1 roundtable with industry leaders. All sessions include live, interactive Q&A.

### Weekly Office Hours:

Join weekly discussions on battery topics, with presentations from BatteryMBA participants, moderated by the BatteryMBA coordinators.

### Access to past lectures:

Admission in the programme includes access to a library of 150+ hours of past lecture recordings (see lecture topics below).

### Case Study Track & other options:

Participants can choose a number of additional tasks, including: joining the case study track (group work), sharing a presentation and/or writing a blog.

### Lifetime alumni network:

We developed BatteryMBA with a focus on building a global network of battery professionals. Our 800+ alumni are based in 60+ countries.



### Accessible & Flexible:

The programme is catered to full-time professionals and advanced students alike. Our schedule is compatible with full-time employees, with a flexible weekly commitment of approximately 2-3 hours. Live lectures are recorded for participants who can't access live sessions.

## PROGRAMME OVERVIEW

- Duration: 12 weeks
- 3 live sessions per week
- Case Study Track
- **3 cohorts a year:**
  - January - March
  - May - July
  - September - November

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# BATTERYMBA COURSE STRUCTURE

Session	Session details	Schedule
Introduction & Networking session	Introductory session followed by networking activities for all participants	Monday 6PM CET (first Monday of the programme)
'Meet the Leader' Live lectures	10 live lectures followed with Q&A with industry leaders	Mondays 6PM CET
Office Hour 1	Weekly discussions, presentations, and case study presentations by BatteryMBA participants	Thursdays 6PM at CET
Office Hour 2	Weekly discussions, presentations, and case study presentations by BatteryMBA participants	Fridays 10AM CET
Career Session	Live session with career or recruitment specialists	Mid term
Networking Sessions	Networking events with all BatteryMBA alumni	Two live sessions
Mentorship Program	Connect like-minded people & support the career path.	Two meetings
Roundtable Discussion	Debate and discussion with leading battery and energy experts in an interactive format	Monday 6PM CET (last Monday of the programme)
Graduation Event	Certificate ceremony and overview of programme takeaways	Saturday 6PM CET (Programme end date)

\*All times are in CET (Central European Time)

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# BATTERYMBA

## CASE STUDY TRACK

In 2022, BatteryMBA launched the optional case study track available to all BatteryMBA participants. Joining the case study track is optional, and represents an additional **4 meetings Wednesday 5 pm CET and individual & group work** (approx. 2 hours per week, or **15–25 hours over 12 weeks**).

**Objectives:** Using the case study methodology, participants review several cases before joining a team of 2–5 people to write and present their own case study.

Session	Session details	Schedule
<b>Introductory meeting</b>	<b>Session objectives:</b> <ul style="list-style-type: none"> <li>- Present case study track timeline</li> <li>- Present cases analysed in meetings 2 &amp; 3</li> <li>- Explore topics of synergies &amp; interest for group work</li> </ul>	<b>Week 1</b>
<b>2nd meeting</b>	<b>Case study 1: discussion &amp; analysis</b> HBS case analysis [2 hr individual prep time and 1 hr case study session]	<b>Week 2</b>
<b>3rd meeting</b>	<b>Case study 2: discussion &amp; analysis</b> BATTERY ASSOCIATES case analysis [2 hr individual prep time and 1 hr case study session]	<b>Week 3</b>
<b>Case Study Writing Prep</b>	<b>Session objectives:</b> What makes a good case study & group work? Case work review.	<b>Week 4</b>
<b>Additional meetings</b> Independent & Group Work	<b>Preparatory meetings; independent &amp; group work</b> [2–3 hours per week for 5 weeks; approx. 10–15 hrs total]	<b>Week 5–10</b>
<b>Case study presentations</b>	<b>Presentation of group case studies during office hours</b>	<b>Week 11–12</b>

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# UPCOMING LECTURES

## MAY – JULY 2026

### Lecture topic

### Lecturer

**Upstream Dynamics: Securing the Future of Lithium and Manganese Supply**

**Brian Savage**  
CEO of Electric Metals USA



**Denise Kirschener**  
External Affairs Coordinator at Nova Andino Lito

**Advances in Battery Cell Design, Safety and Solid-State Batteries**

**Dr. Asma Sharafi**  
Chief Technology Officer at Ensurg



**Loubna El Ouatani**  
Head of LFP at OCP Group

**Strategies for Scaling Battery Manufacturing**

**Nemanja Mikać**  
CEO of ElevenEs



**Global Battery Market Trends: From Supply Chains to Recycling**

**Christopher Chico**  
Founder and Writer at The Battery Chronicle



**Battery Integration for E-Mobility and Energy Infrastructure**

**Dr. Neeta Khare**  
Chief Product Officer at MOVEAIR Energy Global AG



**Battery Testing and Data Analytics from Cell to Pack**

**Dr. Muthu Krishna**  
Battery Engineering at UnityVolt Solutions



**Dr. Lei Pi**  
Director of Overseas Technology Research at Shenzhen Precise Testing Technology Co. Ltd

**Digital Resilience of BESS and AI Data Centres**

**Kiran Siddeshwar**  
Senior Business Systems Analyst at Meta



**The BESS Lifecycle: From Project Development to Technical De-Risking**

**Kartik Hegde**  
Senior Consultant at Saudi Energy



**Ralf Jungblut**  
Head of Sales and Marketing EMEA at PI Berlin

**Innovations in Battery End-of-Life and Material Recovery**

**Alex Stanbury**  
Co-Founder/CEO of Recyclus Group & CEO of Technology Minerals PLC



**Navigating Bankability and Revenue Stack Optimization in BESS Projects**

**Gareth Foulkes-Jones**  
Senior Transactor at Kommunalkredit



**Sebastian Meyer**  
Self-employed

\*Lecturers are subject to change based on availability

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# PREVIOUS LECTURES (ACCESSIBLE TO ALL)

## JAN – APRIL 2026

### Lecture topic

### Lecturer

**Market Trends in Critical Minerals & Battery Recycling**

**Maria Ma**  
Head New Energy Research at SMM  
**Freya Lin**  
Senior New Energy Analyst at SMM



**The BESS Blueprint: Business Models & Deployment**

**Dr. Ahmed Elbaz**  
Head of BESS Execution at Enpal



**Artificial Intelligence for Next-Generation Battery Design**

**Dr. Isaac Squires**  
Co-founder & CEO at Polaron



**Lithium-Ion Battery Manufacturing Latest Trends**

**Dr. Richard Zhang**  
Managing Director at EVE



**Cell to Market: The Qualification Roadmap**

**Maithri Venkat**  
Program Manager at Volta Foundation



**Smart Integration:  
Mitigating Ageing via Intelligent BMS**

**Dr. Eng. Mohamed Elkadragy**  
Battery & Storage Systems Expert



**Electrifying Aviation: Batteries & Integration**

**Dr. Mathilde Brigaudet**  
Cells and Stacks Manager at Forsee Power  
**Alex Gabarro**  
EV & eVTOL Consultant



**Mastering BESS: From Concept to Commissioning**

**Drew Lebowitz**  
Utility-scale Battery Advisor,  
Co-author of The BESS Book,  
Energy Access Aficionado at PowerSwitch



**Energy-as-a-Service: The Battery Swapping Revolution**

**Dr. Frank Kindermann**  
Senior Manager at NIO



**Urban Mining at Scale: Redefining Battery Circularity**

**Dr. Lilian Schwich**  
Co-Founder & Co-CEO at Cylib  
**Dr. Julian Englberger**  
Vice President Operations at Cylib



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# PREVIOUS LECTURES (ACCESSIBLE TO ALL)

## SEP – NOV 2025

### Lecture topic

### Lecturer

**A Strategic Global Outlook: From Battery Materials to Market Forces**

**Dr. Philipp Wunderlich**  
Senior Manager at Accenture



**Latest Developments in Silicon Anode**

**Fergal Harrington-Beatty**  
Head of Business Development at E-magy  
**Dr. Vanesa Ruiz**  
Lead Battery Qualification at E-magy



**Advances in Na-ion Battery Cell Design**

**Dr. Harshita Lohani**  
Postdoctoral Researcher  
at Berkeley Lab



**Latest Trends in Battery Manufacturing**

**Celina Mikolajczak**  
Advisor at Voltaiq,  
formerly at Lyten and Tesla



**Battery Testing for Integration**

**Asang Mehta**  
Sr. Technical Program Manager  
at Tesla



**Battery Aftermarket & Servicing at CATL**

**Bogumił Papierniok**  
CEO at EVorkshop  
**Przemysław Rozmysłowicz**  
CEO at Des.Energy LLC



**Litigation & Latest Developments to Prevent Battery Fires**

**Michael J. Hallock**  
Partner at Hennessy & Roach  
**Sanket Kadam**  
Consulting Lead, Battery & Storage at S-E-A



**Trends in BESS & PV Colocation**

**Julija Kaladzinskaitė**  
Founder, Solar & BESS Knowledge  
Transfer at SolarExplain



**Battery Recycling and Circularity: The OEM Perspective**

**Sebastian Wolf**  
Chief Operating Officer  
at PowerCo SE



**Latest Developments in LCA & Battery Passport**

**Adriana Merino**  
Senior Sustainability Scientist at Minviro  
**Pedram Mohebbi**  
Sustainability lead – Europe at IndX



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# PREVIOUS LECTURES (ACCESSIBLE TO ALL)

## MAY – JULY 2025

### Lecture topic

### Lecturer

Battery Market Trends

Dr. Philipp Rose  
Director at Strategy&



Latest Developments in Manganese Supply Chain & Chemistry

James Fraser & Andrew Zemek  
Vice President Commercial at Euro Manganese Inc. & Principal Mining Consultant at Marketeye.org



Battery Separators and Supply Chain Strategies

Dr. Steven Zhang  
CTO at Senior Technology Material



Battery Cell Design & Manufacturing Defects

Keith Beers  
Principal Engineer at Exponent



Battery Manufacturing latest developments

Sebastian Wolf  
Chief Operating Officer at PowerCo SE



Battery Integration

Peter A. Bidian  
Senior Berater at Bidian Technology Consulting



BESS

Dr. Marija Vujacic  
Global Product Manager–Energy Storage, Grid Edge Solutions at Hitachi Energy



Battery Manufacturing Digitalization

Alejandro A. Franco  
Professor at LRCS and Université de Picardie Jules Verne (UPJV)



Battery Recycling

Xue Wang  
Marketing Director at Bortree Cycling



Battery Investment

Alexandra Manoloff  
Climate Technology Coverage at Barclays Investment Bank



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## JANUARY – APRIL 2025

### Lecture topic

### Lecturer

Battery Market Trends

Dr. Nicolò Campagnol  
Director (Senior Asset Leader)  
at McKinsey & Company



Nickel Latest Developments and Key Challenges

Meidy Katrin Lengkey & Anne Oxley  
Secretary General at Indonesian Nickel  
Miners Association  
Technical Director/Chief Technical Officer at  
Brazilian Nickel



Battery Cell Design, Manufacturing Process and  
Process Modeling

Dr. Yinghui Yin  
Process Modeling Team Leader  
at Saft



Key Trends in Battery Cell Production  
Technology

Sebastian Wolf  
Chief Operating Officer  
of PowerCo SE



Mini Environments – Next Level Dry room  
Development

Nicole Neub  
Director Business Unit Battery  
Technology at Exyte



Battery Electrolytes Latest Developments

Ciprian Gabel  
International Business Director  
at TINCI MATERIALS



Ensuring the highest quality of your BESS: from  
FAT to SAT

Arthur Claire  
Director of Technology  
at Sinovoltaics



Battery Performance & Safety Testing

Andreas Hauser  
Manager, A\*STAR Battery Test Facility  
Advanced Remanufacturing &  
Technology Centre (ARTC)



Battery Recycling Latest Developments and  
Challenges by Region

Alice Huang & Nils Steinbrecher  
Co-founder & Managing Director  
at SK TES



BESS Application & Business

Gerard Reid  
Co-Founder and Co-Host of Redefining  
Energy and  
Co-Founder of Alexa Capital



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# PREVIOUS LECTURES (ACCESSIBLE TO ALL)

## SEPTEMBER – NOVEMBER 2024

### Lecture topic

### Lecturer

Lithium Ion Batteries – Where do the Metals in These Batteries Come From?

Lester Kemp  
Chief Operating Officer  
at Technology Minerals Plc



Building a Sustainable Battery Value Chain with Battery Passport

Anna Zhuravleva & Antonia Roehm  
Project Director & Development  
Manager at RCS Global Group



Li-ion batteries: Fundamentals and Beyond

Dr. Juho Heiska  
R&D Manager at SeAMK  
Former Principal Lecturer at VMAK



Biomass-derived LIB Anode Graphite and Synthetic Graphite Latest Trends

Dr. Shantanu Mitra  
CEO and Founder  
of Farad Power



The Critical Role of Testing in Battery Development

Dr. Dhevathi Rajan  
Research Scientist at  
UL Research Institutes



Battery Cell Manufacturing Latest Trends

JR Mueller Klein  
Battery Manufacturing Engineer,  
Gigafactory Process Controls at  
Honeywell



High Performance Battery Integration & EV Charging Systems Deployment

Stephanie Medeiros  
VP & GM of EV North America  
at CAFU



Latest Trends in Securing Investment in BESS Projects

Mark Mirek  
Senior Managing Director – Energy  
Brokerage at Brown & Brown



Battery IP & European Battery Patent Opposition Trends

Callum McGuinn  
European Patent Attorney at  
Mewburn Ellis LLP



Battery circularity and End-of-life uncertainties

Pramoda Gode & Dr. Maarten Dubois  
PM at Global Battery Alliance &  
Director Sustainability at Deloitte



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# PREVIOUS LECTURES (ACCESSIBLE TO ALL)

## MAY – JULY 2024

### Lecture topic

### Lecturer

Battery Market Trends and Critical Minerals

Nina Neubauer  
Senior Consultant at Deloitte



Managing ESG risks and impacts in the battery supply chain

Vicente Vicuña  
Project Director at RCS Global



Battery Cell Design + Li-Sulfur batteries

Dr. Abdul-Rahman Raji  
CTO at Zeta Energy Corporation



Aerospace Application Batteries and Alternative Batteries Sodium-ion & LIAB

Dr. Michelle Lynch  
Founder & CEO Enabled Future Limited



Enabling battery quality at scale with computed tomography scanning

Dr. Peter Attia  
Cofounder and CTO, Glimpse



Battery Manufacturing Steps, Challenges and Latest trends

Aditya Prasad  
Former Battery Manufacturing Rivian&Tesla&Apple



Prediction of cell life and aging in virtual environment

Luke Hu  
Co-Founder & CEO Electroder



Battery Recycling Solutions

Lukas Brandl  
COO at BLC The Battery Lifecycle Company



Practical Considerations for Battery Management Systems (BMS)

Raafe Khan  
Global Director at Visteon Corporation



The Nordic Battery Value Chain

Jessica Olsson  
Head of Energy & Transport Europe



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# PREVIOUS LECTURES (ACCESSIBLE TO ALL)

## JANUARY – MARCH 2024

### Lecture topic

### Lecturer

Trends in Battery Raw Materials Supply Chains

Alex Laugharne  
Principal Consultant at CRU



Critical Raw Materials in the EU for EV Batteries

Miguel J. Galindo  
CEO Galesk Consultancy SLU, former  
General Manager EMEA Rio Tinto



Battery Cell Design

Dr. Johannes Wandt  
Battery Cell Technology at BMW Group  
& Associate Professor UiA (Norway)



Lithium, Batteries and Action.  
The Solid State Battery

Prof. Dr. Jennifer Rupp  
Professor at TUM, Associate Professor  
at MIT



Drivers in Battery Cell Production

Chris Taylor  
Director Operations at 24M  
Technologies



Battery Integration 101

Murray Schofield  
Co-Founder of Raeon, former Head of  
Battery Products Arrival



Unlock the full potential of batteries by  
Predictive Analytics

Dr. Georg Angenendt  
CTO & Co-Founder at ACCURE Battery  
Intelligence



Battery Energy Storage Solutions

Raaf Khan  
Global Director at Visteon Corporation



Battery Logistics Aftermarket

Achim Glass  
SVP Global Head of Business Dev  
Automotive + New Mobility, at Kuehne  
+ Nagel



Battery Policy Manager and Investment

Ilka von Dalwigk  
Policy Manager at InnoEnergy



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# PREVIOUS LECTURES (ACCESSIBLE TO ALL)

## SEPTEMBER – DECEMBER 2023

### Lecture topic

### Lecturer

Battery Market Trends

**Dr. Nathan Niese**  
Partner & Associate Director at Boston Consulting Group



Battery Cell Design Improvements

**Dr. Israel Temprano**  
Senior Research Associate at University of Cambridge



The journey to Decarbonisation: Biomining a Clean-Tech Solution

**Dr. Homayoun Fathollahzadeh**  
Senior Research Fellow – Critical Minerals Consultant



Battery Anode Production and Innovation

**Dr. Heinrich Badenhorst**  
CSO at CarbonScape Ltd.



Innovations in Cell Manufacturing Quality Management

**Alicja Gos & Nicolina Nanni**  
Senior Engineer & Head of Product at Liminal



Battery Integration & BMS

**Dr. Bahareh Yazdani & Gary Bumfrey**  
Global Head of Batteries & Ppal Engineer at Ricardo PLC



Challenges and the Strategy Going Forward for the Battery Industry

**Lee Byung Kon**  
Manager, Business Dev, Cylindrical Batteries at LG Energy Solution



Maritime Leisure Electrification Vessel

**Carlos Freire**  
Marine Batteries and Onboard Electronics | Management



Battery Recycling: A Key Enabler for Sustainable Electric Mobility

**Benedicte Robertz & Dr. Bart Verrecht**  
Program lead LCA & Manager Battery Recycling at Umicore



Scaling Investment in Battery Supply Chains

**Lauren Pamma**  
Director at Green Finance Institute



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# PREVIOUS LECTURES (ACCESSIBLE TO ALL)

## MAY – JULY 2023

### Lecture topic

### Lecturer

Battery Market Trends

**Evelina Stoikou**  
Senior Associate, Energy Storage at  
BloombergNEF



Responsible Sourcing of Cobalt

**Susannah McLaren**  
Head of Responsible Sourcing &  
Sustainability at Cobalt Institute



A Deep Dive into Lithium-Ion Battery Cell  
Components

**Dr. Sheida Isikli**  
BatteryMBA Course Co-Ordinator &  
Battery Expert



The Solid-State Battery, from a Beacon of Hope  
to a Game Changer

**Dr. Xiaohan Wu**  
Senior Expert at Porsche Consulting



Factory Planning Beyond Manufacturing

**Kathleen Wagner**  
Interim Manager at Protofo Interim  
Performance



BESS Business

**John O'Toole**  
Director of UK Asset Management at  
Amp Energy



Batteries in Aerospace

**Kush Sutaria**  
Battery Engineer at Axiom Space



Opportunities and Challenges in Li-Ion Battery  
Recycling

**Max Hickey**  
Business Development Manager at Li-  
Cycle



EU Policy, Gigafactories and the Critical Raw  
Materials Act

**Julia Poliscanova**  
Senior Director, Vehicles & Emobility  
at T&E



Investing in Batteries

**Yair Shacked**  
Founder of GIGADAYS



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# PREVIOUS LECTURES (ACCESSIBLE TO ALL)

## JANUARY – MARCH 2023

### Lecture topic

The Lithium-Ion Battery Value Chain & Strategies

Mining and brine extraction for battery minerals – how it works and why it lags behind demand

Life Cycle Analysis:  
A Case Study from Cobalt

Future-Proofing Cathode Active Material Manufacturing

Understanding how to build & run battery MegaFactories

Battery integration & BMS & Thermal runaway

Maritime electrification and zero-emissions vessels

Challenges and Opportunities in Lithium-Ion Battery Recycling

Investing and Finance needs for the Battery Sector

How the Energy Transition Moves Our World

### Lecturer

Celine Büchel & Theresa Haisch  
Consultants at Roland Berger



Tommi Valkonen  
Strategy Manager at Sandvik



Tom Fairlie  
Senior Sustainability Manager at  
Cobalt Institute



Virginia Klausmeier  
President & CEO at Sylvatex



Fergal Harrington-Beatty  
Head of Sales at AMTE Power



Wenzel Prohaska  
Senior Product Manager Battery  
Systems at AVL



Carlos Freire  
Marine Battery Expert & Senior  
Onboard Electronics Consultant



Dr. Mark Strauss  
Research & Development Chemical  
Engineer at Aqua Metals



Ian Laurent  
Managing Technical Director at  
BNP Paribas



Gerard Reid  
Co-Founder and Partner at Alexa  
Capital



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## SEPTEMBER – DECEMBER 2022

### Lecture topic

Lithium-Ion (EV) battery market and supply chain

U.S. Battery Programs, Policies, and Funding Opportunities

Lithium-ion Battery Cell, Module & pack design for integration

Using advanced techniques to investigate batteries during cycling

Sodium-Ion battery cells

Insights into High Performance Battery Systems

Battery Energy Storage System (BESS) and Net Zero Electricity

Battery manufacturing pilot plant from real to digital space

Battery Recycling: Recovery of Critical Energy Materials

Tracking the disruptive battery industry and its opportunities for Europe

### Lecturer

Dr. Wolfgang Bernhart  
Senior Partner at Roland Berger



Emma Bishop  
Assistant Vice President at Venn Strategies



Wenzel Prochazka  
Senior Product Manager Battery Systems at AVL



Dr. Claire Villevieille  
Research Director at CNRS



Fergal Harrington-Beatty  
Head of Sales at AMTE Power



Wasim Sarwar Dilov  
Head of Research and Advanced Engineering at Rimac Automobili



Patricia Darez  
Managing Director at 350Renewables



Dr. Elixabete Ayerbe Olano  
Team Leader at CIDETEC Energy Storage



Teija Mortvedt  
Former Chemical Process Engineer at Tesla



Evan Horetsky  
Partner at McKinsey & Company



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## MAY – JULY 2022

### Lecture topic

Common Misconceptions about Batteries – Reloaded

Responsible cobalt sourcing

How to set up a battery factory

High Power Cells

2nd life batteries

Battery Packs – Flexible Manufacturing

Solid-state lithium-metal batteries

European battery policy: how regulation can make EU leader in green batteries

V2G Charging Infrastructure

Battery Investments in the New Economic Cycle

### Lecturer

Claudius Jehle  
CEO at volytica diagnostic



Anne-Marie Fleury  
Director Cobalt at Glencore



Nemanja Mikac  
CEO at ElevenEs



Fergal Harrington-Beatty  
Head of EVs at AMTE Power



Jon Asin  
Co-founder & CEO BeePlanet



Hakan T. Yilmaz  
Manager Business Development – E-Mobility Europe Manager at ABB



Dr. Jordi Sastre  
Senior Battery Engineer at QuantumScape



Julia Poliscanova  
eMobility lead at Transport & Environment



Claire Miller  
Director of Technology & Innovation  
Director at OctopusEV



Katherine He  
Co-founder Battery Bits – Energy investment at TDK Ventures



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# PREVIOUS LECTURES (ACCESSIBLE TO ALL)

## JANUARY – MARCH 2022

### Lecture topic

What is behind falling battery prices and can this continue?

Stationary Batteries

Battery Data and Diagnostics (Machine Learning)

Battery Policy and Battery Passport

Cells to pack, and back

Green battery cell manufacturing

Lithium-mining and sustainability

Battery and the innovation ecosystem in the UK

Common misconceptions around batteries

The Future of Energy

### Lecturer

Dr. James Frith  
Principal at Volta Energy Technologies



Dr. Maggie Teliska  
Innovation at Enel Green Power



Prof. Dr. David Howey  
Professor of Engineering Science  
at the University of Oxford



Tilmann Vahle  
Co-Lead Mobility Platform at  
SYSTEMIQ Ltd.



Dr. Joachim Döhner  
Senior Director of Global Sales at  
KUKA systems GmbH



Dr. Katja Fröhlich  
Senior Research Engineer at AIT  
(Austrian Institute of Technology)



Jeremy Wrathall & Dr. Rebecca  
Paisley  
CEO & Exploration Geochemist at  
Cornish Lithium Ltd



Jacqui Murray  
Director of the Battery Faraday  
Challenge at Innovate UK



Claudius Jehle  
Co-founder and CEO at volylica  
diagnostics



Gerard Reid  
Co-founder at Alexa Capital



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# PREVIOUS LECTURES (ACCESSIBLE TO ALL)

## SEPTEMBER – DECEMBER 2021

### Lecture topic

### Lecturer

Battery usage in electric vehicles

**Lisset Urrutia**  
Head of Research & Development at  
SVOLT Europe



Green Batteries through Computational Life  
Cycle Engineering

**Felipe Cerdas**  
Head of Research Department Life  
Cycle Engineering at Technische  
Universität Braunschweig



Lithium Ion Battery Anode Technology

**Jill Pestana**  
Director of Technical Program  
Management at Electric Goddess



Towards an electrified and sustainable future:  
Overview of Lithium Ion Battery Cathode  
Materials

**Christian Rüdiger**  
Director of Strategic Partnerships &  
Government Affairs at Johnson  
Matthey



Mass Customisation: How energy storage  
deployments will scale 100K in the space of 20  
years

**Dr. Marek Kubik**  
Managing Director at Fluence Energy



Studying battery behaviour using  
Electrochemical Impedance Spectroscopy

**Mariam Awara**  
COO at Pulsenics



Helping manufacturers to achieve net-zero

**Douglas Poensgen**  
Co-founder & CEO at Circulor



Energy storage technologies in the power  
system

**Pilar Gonzalez**  
Innovation Manager at Iberdrola  
Venture Capital



Battery Giga Manufacturing

**Claudia Massei**  
CEO Siemens Oman



Battery Industrialisation – How to setup a  
battery cell production

**Benedikt Konersmann**  
Team Lead E-Mobility  
Industrialisation at P3



[www.battery.mba](http://www.battery.mba)

BatteryMBA is not a Master's in Business Administration.

# PREVIOUS LECTURES (ACCESSIBLE TO ALL)

## MAY – JULY 2021

### Lecture topic

### Lecturer

Customising Li-ion cells from the first materials tests to series production

**Matthias Fesser**  
Business Development Manager at Customcells



The Critical Role of Storage in our World – key questions and discussion points

**Gerard Reid**  
Co-founder at Alexa capital



Batteries from scratch – Understanding lithium ion batteries from the materials up

**Prof. Dr. Sam Cooper**  
Senior Lecturer at Imperial College London



SOH – Li-Ion-Battery Basics, A non-chemist application-centered

**Claudius Jehle**  
Managing Director / CEO at volytica diagnostics



Electrical interconnection and energy storage as key technologies for enabling the future energy system

**Gerhard Salge**  
CTO Hitachi ABB Power Grids



Hot N Cold Batteries – Overview of battery thermal management system's designs and concepts

**Katherine Kan**  
Co-Founder Rovilus



Batteries for Energy Access

**Dr. Harini Hewa Dewage**  
Energy Storage & Off-Grid Sector Consultant



End-of-life management of lithium-ion batteries today and in the future

**Hans Eric Melin**  
Managing Director at Circular Energy Storage



Digital Twin in Battery Manufacturing

**Claudia Vergueiro Massei**  
CEO of Siemens Oman



Battery and Energy Storage Safety Codes and Standards

**Ryan Franks**  
Senior Mechanical Engineer for Battery Reliability Testing & Industrial Acceptance at Pacific Northwest National Laboratory



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# PREVIOUS LECTURES (ACCESSIBLE TO ALL)

## JANUARY – MARCH 2021

Lecture topic

Lecturer

Cleantech finance: "*Who wants a faster horse?*"  
Living in an age of disruption

Gerard Reid  
Co-founder at Alexa capital



Customizing Lithium-Ion Cells - From The First  
Material Tests to Series Production

Matthias Fesser  
Business Development Manager at  
Customcells



Li-Ion Battery Basics: A non-chemist  
application-centered approach

Claudius Jehle  
Managing Director / CEO  
at volyca diagnostics



Why you need to write a Battery Biography

Veronika Wright  
Electrified Veronika (formerly AVL)



Battery End-Of-Life Management and Policies

Bhavya Jha  
EU Battery Directive Specialist



Factory line performance and precision  
engineering

Mariano Sydney Rubio  
Former Automobile Engineer at SEAT



Data and optimisation in manufacturing

Marc Jensen  
Product Director at Decoded



Energy storage: a key enabler for the energy  
transition

Maxine Ghavi  
Head of Grid Edge Solutions  
at Hitachi ABB Power Grids



Electric Mobility: Strategic Perspectives on  
Batteries

Srinath Rengarajan  
Global Head of Automotive Research  
at Oliver Wyman



Career transition in the energy storage sector

Claudia Vergueiro Massei  
CEO of Siemens Oman



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## WHO IS THIS PROGRAMME FOR

This programme is open to all battery enthusiasts with some level of battery knowledge and a motivation to evolve in their career. The programme is fit for full-time professionals.

## HOW TO APPLY

- 1) Visit [www.battery.mba/enroll](http://www.battery.mba/enroll) and fill out our simple form.
- 2) Await to be contacted for an interview.

Applications are being reviewed on a rolling basis.

## PROGRAMME COST

The course fee for the 12-week programme is **2000€ per person**. The fee can be paid in 4 instalments of 500€. Discounts are available for companies and organisations who send 5+ participants or become company members of Battery Associates.

## SCHOLARSHIP

Partial scholarships for individuals with limited financial means or with backgrounds that are underrepresented in the battery sector are available. Learn more at: [www.battery.mba/enroll](http://www.battery.mba/enroll)

## ABOUT US

**Battery Associates** is an impact-led company working towards sustainable battery innovation. In 2021, we launched **BatteryMBA** to offer a sector-specific training for the next generation of battery leaders worldwide. To learn more, visit us at:

[www.battery.associates](http://www.battery.associates) & [www.battery.mba](http://www.battery.mba)



[www.battery.mba](http://www.battery.mba)

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# TESTIMONIALS

Hear what our participants have to say about BatteryMBA:



"A highlight of the BatteryMBA is the high participation of women. If we want the battery industry to thrive, (...) we need a diverse group of future leaders."

**Paula, BatteryMBA participant**

"Being able to talk to various people, like scientists, consultants, people from the investment side, data, analytics (...), you get a broader understanding of the dynamics that control the battery industry."

**Crystal, BatteryMBA participant**



"I would recommend this programme both to those who are new and trying to get into this battery field, and to somebody who has been in this field for 20 years."

**Anurag, BatteryMBA participant**

"These 3 months together have allowed me to expand my knowledge about the EV battery sector. As someone who entered the course with a limited foundation regarding the battery space, this course challenged me to expand my proficiency in battery manufacturing, recycling (...)."

**Alan, BatteryMBA participant**



Watch our [testimonial video](#) and [read what others have to say!](#)

[www.battery.mba](http://www.battery.mba)

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# TESTIMONIALS

Hear what our participants have to say about BatteryMBA:



"Hearing lectures from well-noted Battery Professionals both from the academia and the industry have opened my eyes to the possibility of running and playing my own game with confidence. Experts from different battery industries and energy sectors were gathered to make the program very informative and interactive."

**Rose-Marie, BatteryMBA participant**

Based on reviews received from participants:

**95%**



Would recommend  
BatteryMBA to others

**9/10**



Overall  
satisfaction  
rate

**99%**



Said BatteryMBA met  
or exceeded their  
expectations

Watch our [testimonial video](#) and [read what others have to say!](#)

**JOIN BATTERYMBA TODAY!**



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