



10:30

## WELCOME BY THE MODERATOR

**Kari VALKAMA**, Merinova Technology Centre/ ALBATTs Work Package Leader

## PRESENTATION OF ALBATTs

**Lukáš FOLBRECHT**, Czech Automotive Industry Association / ALBATTs Work Package leader

## EXPERTS PRESENTATIONS & DISCUSSION

New technology - Challenge or threat? In any case- we can not do as we have always done!

**Mikko SAASTAMOINEN**, Chairman of CTIF - Commission for Extrication & New Technology, Finland

Safety aspects in battery testing activities

**Ola WILLSTRAND**, Researcher at the Fire & Safety Department of RISE - Research Institutes of Sweden

Upskilling and Reskilling of the workforce for safe automotive battery development

**Dr. Frank RICHTER**, CEO Greenetra OÜ, Estonia

ISO 26262 - The Functional Safety Norm and Automotive Battery Systems

**Dr. Richard MESSNARZ**, EuroSPI Chairman / **Damjan Ekert**, ISCN



12:00

## CLOSING REMARKS

**Kari VALKAMA**, Merinova Technology Centre/ ALBATTs Work Package Leader

## Webinar

# SAFETY ASPECTS OF EV MANUFACTURING, USE, MAINTENANCE, REPAIR & DISPOSAL

## AGENDA

May 3<sup>rd</sup>, 2023  
10:30 – 12:00 CET



**Kari VALKAMA** is a project manager at Technology Centre Merinova in Vaasa, Finland. Merinova is the leader of the EnergyVaasa Cluster that possesses the Gold Label of Cluster Management Excellence. Its cutting-edge expertise is in energy technology and business development. Merinova is involved in various projects, programs and services regionally, nationally and globally. Kari holds a degree in Business Administration. He has years of experience in working with business and general development related tasks in SME companies in metal and cleantech industries.



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**Lukáš FOLBRECHT** has been leading ALBATTs project WP5 – Intelligence in Mobile Battery Applications, which analyses the use of battery technologies and relevant job roles and skills in moving devices. His previous experience includes positions in SKODA AUTO, the Office of the Government of the Czech Republic and the media, as well as work and study experience in the US, the UK and Brussels. Lukas is also a secretary of the Czech E-mobility Platform and an e-mobility enthusiast.

**Mikko SAASTAMOINEN** is a fire officer in the Rescue department of South Savo, Finland (20-year experience). He is chairman of CTIF Commission for Extrication & New Technology (active member since 2015). CTIF is an international fire & rescue association dealing with alternative propulsion, solar panels, battery fires, drones etc. Some of its important ongoing projects are: Project EuroNCAP and Project ISO17840 (<https://ctif.org/commissions-and-groups/iso-17840-first-worldwide-firefighters-standard>), which is global and one aim is creating standardised system for the identification of alternative propulsion vehicles. Mikko is an international instructor for road rescue (and for race cars).



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**Ola WILLSTRAND** works at the department of Fire & Safety at RISE Research Institutes of Sweden. He is project manager and researcher focusing on battery safety. He has experience from several research projects, development projects and from performing laboratory fire tests, from small-scale to full-scale, including several EV fire tests. Currently, he is also a PhD student at Uppsala University focusing on Li-ion battery safety and thermal runaway events. Ola is chair of the organising committee of the International Conference of Fires in Vehicles (FIVE).



**Frank RICHTER** is the CEO of Greenectra OÜ. Greenectra is a company based in Estonia, focused on coaching and consulting within the Li-ion battery development industry. Frank obtained his Ph.D. in chemistry from NTNU. His previous experience includes positions within maritime battery development (Siemens in Trondheim/Norway) and automotive battery development (AKKA in Wolfsburg/Germany).

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**Richard MESSNARZ** has a PhD in Technical Mathematics and Informatics at TU Graz Principal Automotive SPICE Assessor VW-SQIL SW Quality Improvement Lead VDA Certified INTACS Trainer für Provisional und Competent Automotive SPICE Assessor Kurse EuroSPI/ASA Certified Functional Safety Manager/Engineer Trainer EuroSPI/ASA Certified Cybersecurity Manager/Engineer Trainer Automotive SPICE for Cybersecurity. He has 34 years of industry and university teaching experience ASIL B,C,D experiences as a safety coach and safety assessor e.g. Drive by Wire, Steering, E-Motor, battery, gear box Assessor at ZF, BOSCH, MAGNA, Continental, HELLA, Samsung SDI, Volkswagen, etc. since 27 years

**Damjan EKERT** is Principal Automotive SPICE Assessor with ISCN, VW SQIL – SW Quality Improvement Lead, EUROSPI & ASA Certified Functional Safety Manager Trainer, EUROSPI & ASA Certified Trainer for AQUA (Automotive Quality Engineer) with more than 21 years Automotive industry experience.

