Online innovation Workshop

Common Challenges of Lithium-Based Batteries

30th April 2021 – Online

To meet the market expectations to reach smaller and lighter reliable devices, batteries are moving from graphite (Gen2 and 3) towards to lithium (Gen4b and 5). Manufacturers face challenges such as safety, manufacturability, reliability, and recycling. Solutions are emerging including polymeric and ceramic electrolytes to enable the use of lithium anodes, but further developments are still required to reach the market. This workshop will bring together experts from various organisations currently at the forefront of research and development in lithium-based batteries presenting challenges and advances made in the field.

Free online registration:

www.challengesoflithiumbasedbatterieslisa-register.com

Agenda:

Time	Project/company	Speakers	Scope
9:30	Introduction of speakers (1 to 4)		
9:35 – 9:55	Knowmade	F. Thissandier	Solid State IP
9:55 – 10:15	LISA	C. Aucher	EU project - Li-S semi solid state
10:15 – 10:35	SUBLIME	J. Kaiser	EU project - Li-ion Solid State
10:35 – 10:55	SAFELiMove	F. Aguesse	EU project - Li-ion Solid State
10:55 – 11:10	Question audience / Answer from panel of presenters (1 to 4)		
11:10 – 11:15	Introduction of speakers (5 to 7)		
11:15 – 11:35	-	To be defined	Polymers and composites in current and next batteries generations
11:35 – 11:55	PULSEDEON	J. Liimatainen	Processing of ultra-thin lithium and inorganic electrolyte
11:55 – 12:15	AMTE	E. Eweka	Solid state manufacturing
12:15 – 12:35	SVOLT	S. Desilani	Li-ion cell manufacturing
12:35 – 12:50	Question audience / Answer from panel of presenters (5 to 7)		
12:50 – 12:55	Wrap up		