Funded by
the European Union

Battery Material Characterisation and Digital Twins for Cell to Pack Performance in Agile Manufacturing Pilot Lines and Automotive Field

Public Workshop

Decoding Battery Performance: From Materials Characterisation to Smart Testing

Scientific Insights, Expert Discussions and Future Research Directions

Free online workshop

Friday, 4 December 2026
09:00 – 11:00 CET

Login data will be sent to registered participants

Organizers:
EURICE GmbH
Keysight Technologies Austria

Over the past three years, the European project DigiCell has aimed to improve battery production by developing new chemistries, leveraging advanced testing, modelling and AI/ML techniques. The project is coming to an end now and we are excited to announce the final public workshop in a series of events scheduled throughout the DigiCell project duration.

The event will start with a wrap-up of the project results in three dedicated presentations covering topics such as materials science, data acquisition & management, AI analytics, high-power battery testing and IEC standardisation.
The presentations are followed by a round table to discuss how the DigiCell results affect future projects and the upcoming 10th Framework Programme.
We are happy to welcome Simon Clark from SINTEF and Gerhard Goldbeck, Executive Secretary of the EMMC, as external experts to our roundtable. They will be joined by Silvia Bodoardo from Politecnico di Torino (POLITO) and Alejandro Franco from Université de Picardie Jules Vernes (UPJV), both partners in the DigiCell project.

If you are interested in attending, please register for the workshop on the **DigiCell website**.

Agenda 4 December 2026 09:00 – 11:00 CET		
Time	**Titel**	**Speaker**
09:00 – 09:15	Welcome & DigiCell project overview	Janine Jost (EURICE), Ferry Kienberger (DigiCell coordinator)
09:15 – 09:30	From materials science to better batteries: how fast mechanical testing helps build more reliable and sustainable battery cells	Marco Sebastiani (ROMA3)
09:30 – 09:45	Data acquisition, management, and AI analytics for battery materials and SoH	Konstantinos Sioutas (IRES)
09:45 – 10:00	High power battery testing, modelling, and IEC (International Electrotechnical Commission) standardisation	Manuel Kasper and Ferry Kienberger (Keysight)
10:00 – 10:20	Q&A	
10:20 – 10:55	**Round table:** How DigiCell results affect future projects and the upcoming 10th Framework Programme Participants: • Simon Clark, SINTEF • Gerhard Goldbeck, Executive Secretary of the EMMC • Silvia Bodoardo, POLITO • Alejandro Franco, UPJV	Moderators: Ferry Kienberger, Janine Jost
10-55 – 11:00	**Closure of the workshop**	**Janine Jost**

The workshop is free of charge.

If you are interested, **please register on the DigiCell website**.
Login data (Teams Meeting) will be sent to registered participants.

Funded by the European Union