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

Public Workshop

Battery testing in pilot lines and field applications: from cells to packs

Free online workshop

18 November 2025

15:00 – 17:00 CET

Login data will be sent to registered participants

Organizers:

Austrian Institute of Technology (AIT)
Université de Picardie Jules Verne (UPJV)
KREISEL Electric GmbH
Keysight Technologies Austria
EURICE GmbH

The European project DigiCell aims to improve battery production by developing new chemistries, leveraging advanced testing, modelling and AI/ML techniques. We are excited to announce the 3rd public workshop in a series of events scheduled throughout the DigiCell project duration.

The event will feature the following key presentations

- Beyond Li-chemistries & pilot line characterization (AIT)
- Pilot-line modeling through combination of physic models and AI (UPJV)
- Battery module 10 kWh testing including EIS & time-domain (Keysight)
- Battery pack testing and pilot line demonstration (KREISEL)

If you are interested to attend, please register for the workshop on the [DigiCell website](#).

Agenda 18 November 2025 15:00 – 17:00 CET		
Time	Titel	Speaker
15:00 – 15:20	Welcome & DigiCell project overview	DigiCell coordinator (Ferry Kienberger)
15:20 – 15:40	Beyond Li-chemistries & pilot line characterization: talk + video demo	Irshad Mohammad (AIT)
15:40 – 16:00	Pilot-line modeling through combination of physic models and AI	Francisco Fernandez (UPJV)
16:00 – 16:20	Battery module 10 kWh testing including EIS & time-domain: talk + video demo	Manuel Kasper (Keysight)
16:20 – 16:40	Battery pack testing and pilot line demonstration: talk + video demo	Johannes Angerer (KREISEL)
16:40 – 17:00	Q&A session, closure of the workshop	All

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.



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