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WINTER SCHOOL

26 - 30 January 2026

Centrale Nantes, France



epico@ec-nantes.fr

10:30 Opening of the Winter School

Amphi S Prof. GHANES Malek - E-PiCo+ Coordinator

11:00 TESLA

Amphi S "Battery Energy Storage Systems (BESS): State-of-Charge (SOC) Estimation and Accuracy"

*DO NASCIMENTO Marcos - Support Engineer - Industrial storage
YAP Maverick - Associate Recruiter*

14:00 DEKRA

Amphi S "High voltage, High standards

Online State of the art battery testing and efficient data management"

LEFEVRE Solenne - Battery Solutions - Global Program Manager

15:30 MERCEDES-BENZ

Online "Re-Innovations in Automotive Traction Drives"

Dr.-Ing. SAUR Michael - RD/ETE Power Electronics Advanced Engineering

09:00 KIEL UNIVERSITY

Amphi S "Active Battery Management with Reinforcement Learning"
LI Rui - Research Assistant Chair of Power Electronics

11:00 dSPACE

Amphi S "From E-PiCo to expertise"
CIRIT Arel Can - International Sales Engineer

14:00 DANFOSS-SEMIKRON

Amphi S "Power modules for automotive traction inverters"
BLONDEL Gael - Product/Project Manager Automotive

15:30 E-PiCo+ Projects presentation

Amphi S

11:00 RENAULT

Amphi S “Automotive electrification : the role of power electronics”
Online *LOUDOT Serge - Power electronics for E-technologies & advanced systems*

14:00 Workshop

T100 “Soft Skills what else?”
GUYOT Emilie

16:00 E-PiCo+ Projects Presentation

Amphi S

09:00 NATIONAL INSTRUMENT

Amphi S “*The LabVIEW Company and its Role in Academia*”

ABDELMASSIH Steven - Technical Support Engineer NI Test & Measurement at Emerson

11:00 SIEMENS ENERGY

Amphi S “*HVDC in Practice : System Studies Behind the Modern Power Grid*”

EL RAWAS Tarek - Control and Protection Studies Engineer for HVDC Systems

14:00 EMA Association

C103 *ABDELMASSIH Steven - E-PiCo+ Representative*

16:00 KIEL UNIVERSITY

C103 “*High-Efficiency Bidirectional Isolated DC-DC Converters for On- and Off-Board Charging Applications*”

Prof. TAN Nadia - Professor - Head of the Chair of Power Electronics for Electromobility

09:00 UNIVERSITY OF MODENA AND REGGIO EMILIA

Amphi S “Autonomous Driving and smart cities. Technology and research for the vehicles of tomorrow.”

BURGIO Paolo - Assistant Professor

10:30 ANALOG DEVICES

Amphi S “Battery Management Systems: What Model-Based Systems Engineering Looks Like in the Real World”

THIRUNAVUKKARASU Santhosh - Electric Powertrain Engineer

Thanks to all the speakers who are supporting
the E-PiCo+ Winter School.

See you in 2027 for the next edition.

In the mean time should you wish to receive
the [E-PiCo+ Newsletter](#),
please send us a mail to epico@ec-nantes.fr to subscribe.