

“Shaping the Future of Power Electronics” Experts Workshop 2026: 23 February 2026, Vienna

Location: Federal Ministry Innovation, Mobility and Infrastructure (BMIMI)
Radetzkystraße 2, 1030 Wien (room RAD 6F13).

Agenda and Timetable

This PECTA Expert Workshop 2026 brings together leading experts from research, industry, and policy to discuss the latest advances in power electronics. The program highlights progress in application readiness, reliability, and circular economy approaches, alongside key regulatory updates. This workshop provides a platform to exchange knowledge, strengthen cooperation, and influences and shapes PECTA’s future activities.

Registration: See reverse side

Welcome

- 10.30 Arrival, registration and access of physical participants /
- 10.45 Login of virtual participants
- 11.00 Welcome:
Representative of Austrian Ministry (to be confirmed)
- 11.10 Settings the stage & relevance of the workshop
Roland Brueniger, Chair of PECTA

Presentation of different projects by experts

- 11.20 Application Readiness Map ARM / Update of year 2025
(Martin Pfost, Technical University Dortmund and/or
Markus Thoben, University of Applied Sciences and Arts, Dortmund)
- 11.50 Reliability of WBG-Applications
 - HitachiEnergy: (Stephan Wirths / Edoardo Martino / Lorenzo Rocchino)
 - IRT-Saint-Exupery (Fabio Coccetti / Valeria Rustichelli)
 - Politecnico di Torino (Francesco Iannuzzo)
- 12.30 *Short Break / Sandwich – Lunch break*
- 13.10 Environmentally compatible Power Electronics (Johann Kolar, Luc Imperiali, ETHZ)
- 13.40 Introduction to newly initiated Circular Economy activities (Roland Brueniger)
PECTA-project(s) / Policy Brief
- 13.55 Cooperation between EU and PECTA (Cosmin Codrea, EU Commission)
- 14.10 EPS Scoping Study (Markus Makoschitz, TU Leoben)
- 14.40 *Short Break*
- 15.00 Cooperation activities between EMSA and PECTA (Andrea Vezzini, BFH)
- 15.15 PECTA-related activities in the ECPE Network (Thomas Harder/Leo Lorenz, ECPE)

Discussion

- 15.30 - Interaction between experts (Questions and Answers)
- Future Activities in PECTA

Conclusion / Outlook and Closing / Networking

- 16.30 Closing remarks, outlook / end of Workshop and Networking
Roland Brueniger, Chair PECTA / All

Registration

Please register as early as possible, but before 30 November 2025 at:

<https://www.iea-4e.org/pecta/events/iea-4e-pecta-experts-workshop-2026/#mec-events-meta-group-booking-7073>

For more information please contact either:

PECTA's Platform Manager:

Mr. Markus Makoschitz

markus.makoschitz@unileoben.ac.at

Mobile: +43 664 235 1797

or

PECTA's Chair:

Roland Brueniger

roland.brueniger@brueniger.swiss

Mobile: +41 76 291 81 12

Glossary

ARM	Application Readiness Map
ECPE	European Center for Power Electronics eV
EMSA	Electric Motor Systems Platform (part of the TCP 4E)
EPS	External Power Supply
EU	European Union
PECTA	Power Electronic Conversion Platform (part of the TCP 4E)
TCP	Technology Collaboration Program of the IEA
WBG	Wide Band Gap