Online Workshop

Paving the Way for Seamless Characterization, Simulation and Development

Second Workshop of the MessLeha Project

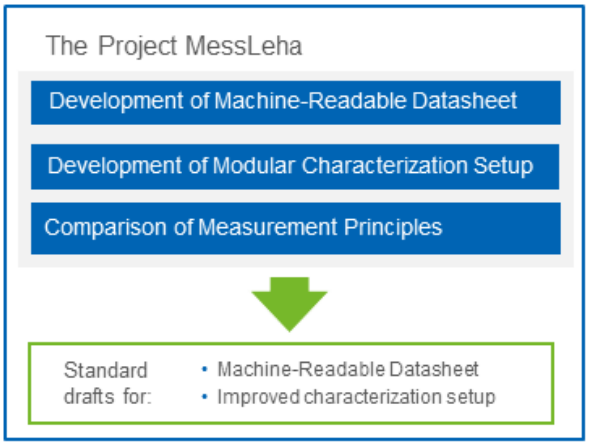
The project MessLeha analyses measurement methods and environments for the characterization of fast switching power semiconductors and develops a digital datasheet suitable for all simulation tools. The results will be included in two standardization drafts for the International Electrotechnical Commission IEC. These drafts will address the currently limited application of established characterization standards for fast switching semiconductors, improve traceability of measurements, and enable easy parametrization for simulation models.

We invite you to our second workshop on

23 September 2021, 14:00 – 18:00 (CEST).

The workshop will feature presentations of

- how the feedback from the first workshop was implemented,
- the demonstrators for the machine-readable datasheet and the measurement setup for the Double-Pulse Test,
- further measurement methods for future application.



Registration and Information

The workshop is aimed at users and developers of power electronic systems and manufacturers of power semiconductor and simulation tools.

Register here until **21 September 2021**. The workshop is free of charge.

Venue: online

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For more information on the project, visit the project website.

Supported by:
Federal Ministry for Economic Affairs and Energy
on the basis of a decision by the German Bundestag

Agenda

23 September 2021, Online Workshop

14:00 – 14:10 **Welcome and Introduction**
Alexandra Fabricius, VDE DKE

14:10 – 14:30 **MessLeha: Project Motivation and Goals**
Kevin Hermanns, PE-Systems GmbH
Uwe Jansen, Infineon Technologies AG

14:30 – 14:40 **Summary of the 1st Workshop and Participants' Feedback**
Jens Schweickhardt, PE-Systems GmbH

14:40 –15:30 **Proposal for a Versatile High Power Double Pulse Test Setup**
Uwe Jansen, Infineon Technologies AG
Vishal Jadhav, Infineon Technologies AG
Hui Bo Sun, Infineon Integrated Circuit (Beijing) Co., Ltd.

15:30 – 16:00 **Coffee Break**

16:00 – 16:50 **Machine-Readable Data Sheets: Provision and Application**
Philipp Kappes, PE-Systems GmbH

16:50 – 17:25 **Switching Loss Measurement Methods for the Future**
Ying Su, PTB Physikalisch Technische Bundesanstalt
Julian Weimer, University of Stuttgart

17:25 – 17:50 **Workshop Summary**
MessLeha Partners

17:50 – 18:00 **Next Steps and Closing Remarks**
Alexandra Fabricius, VDE DKE