

PELSS

POWER ELECTRONICS STUDENT SUMMIT 2024

21st - 23rd August 2024

Fraunhofer IEE | Kassel, Germany

What is PELSS?

The PELSS Power Electronics Student Summit is a professional conference that specifically addresses students. The main focus lays on the field of power electronics. The conference allows students to gain first experiences in writing, publishing and discussing their own publications in front of an expert audience.

Why should you participate?

- Opportunity to **present your own research results** to an expert audience
- Publication of accepted papers in the **IEEE Xplore research database**
- **Award** for the best contributions from the CIGRE Next Generation Network
- **Networking opportunities** with students and representatives from research and industry
- **Free accomodation and catering** for the lead authors of accepted papers
- **Check-In-Event** and **Workshop** on **21.08.2024**

Participation Fees

- Contributing participants: 0,00 €
- Students: 20,00 €
- Non-Students: 60,00 €

Conference Topics

- Power electronics for grids, smart grids and island grids
- Control strategies for a sustainable, resilient and reliable grid
- Renewable energy systems: wind, photovoltaic and other solutions
- Power electronics for storage systems and hydrogen applications
- Power electronics for e-mobility
- Components, converter modelling and topologies, design and low-level control

Call for papers

- Participation for enrolled students and doctoral candidates
- Submission of a scientific paper with results from student research
- Projects or theses, auxiliary activities, etc.
- Evaluation by a committee of experts from research and industry
- **Submission of abstracts until: 01.04.2024**
- **Submission of final papers until: 01.05.2024**

Contact



Website: www.h-brs.de/de/iwk/pelss_2024



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Organized by



Hochschule
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Next Generation
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Conference ChairPerson

Prof. Dr.-Ing. Marco Jung

Electromobility and Electrical Infrastructure
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Fraunhofer Institute for Energy Economics
and Energy System Technology