

# 27th Graduation Ceremony of the Faculty of Electrical Engineering, Information Technology, and Physics

A ceremonial farewell to 340 graduates and recognition of outstanding achievements

**In a festive ceremony, the professors of the Faculty of Electrical Engineering, Information Technology, and Physics (EITP) bid farewell to 340 graduates, including 48 doctoral candidates. Various awards were also presented during the ceremony:**

- **Walter Kertz Study Awards for the best dissertation, master's thesis, and bachelor's thesis**
- **Erwin Marx Award from the VDE Foundation for outstanding academic achievements in electrical engineering**
- **Dieter Kind Doctoral Award to support outstanding doctoral candidates in the EITP Faculty**

On April 17, 2026, the graduates of the classes of 2025–26 celebrated their successful completion of their studies together with family and friends in the Audimax. The ceremony was opened by the Vice President of TU Braunschweig, Prof. Dr.-Ing. Manfred Krafczyk, and the Dean of the EITP Faculty, Prof. Dr.-Ing. Eduard A. Jorswieck. The evening was accompanied by music from the duo Bejamé, featuring Jeanette and Daniel Wilke.

Between April 2025 and March 2026, 292 students from our faculty successfully completed their studies:

- 93 Electrical Engineering (Bachelor's, Master's)
- 25 Industrial and Electrical Engineering (Bachelor's, Master's)
- 21 Computer and Communication Systems Engineering (Bachelor's, Master's)
- 50 Physics (Bachelor's, Master's)
- 20 Electronic Automotive and Aerospace Systems (Master's)
- 83 Electromobility (Master's)

A total of 48 doctoral candidates received their degrees:

- 36 with a Dr.-Ing. in Electrical Engineering
- 12 with a Dr. rer. nat.

Before the ceremony honoring all graduates, several awards were presented for outstanding achievements during undergraduate and doctoral studies: the Walter Kertz Study Awards, the Erwin Marx Prize from the VDE Foundation, and the Dieter Kind Doctoral Prize.

### **Walter-Kertz-Studienpreis**

For the 18th time, the faculty awarded the prizes donated by the Honorary Senator of TU Braunschweig, Dr.-Ing. e. h. Udo-Willi Kögler, together with his wife Christine. They are awarded for particularly outstanding doctoral dissertations, master's theses, and bachelor's theses and are endowed with a total of 6,000 euros annually. The awards specifically recognize work that demonstrates an interdisciplinary focus at the intersection of physics and electrical engineering or information technology.

This year, the prizes were awarded to:

- **Dr. rer. nat. Sophia Strnat** for her dissertation on the topic "Angular Momentum in Photon and Electron Scattering"
- **Natalie Müller**, M.Sc., for her master's thesis on the topic "Goelectric Monitoring of Soil Moisture in Raised Beds"
- **Ghina Alfakih**, B.Sc., for her bachelor's thesis on "Test bench development for the thermal modeling of capacitors"

**The VDE Erwin Marx Foundation Prize**, worth 750 euros, was awarded to **Sarah Koop-Brinkmann, M.Sc.**, for her outstanding achievements in the Master's program in Electrical Engineering, and to **Marc Bothe, M.Sc.**, for his outstanding achievements in the Master's program in Electrical Engineering. Ms. Koop-Brinkmann, M.Sc., and Mr. Bothe, M.Sc., both completed their studies with a perfect grade of 1.00 and are therefore sharing the prize this year.

**Dr.-Ing. Marc René Lotz** received the **Dieter Kind Doctoral Prize**, endowed with 3,000 euros, for his dissertation titled "Systematic Development of a Laboratory-Scale HVDC System with Power-Hardware-in-the-Loop Simulation Capabilities for the Validation of Control and Protection Principles." In grateful memory of his doctoral advisor, Prof. Dr.-Ing. Dieter Kind, our alumnus, Dr.-Ing. Harro Lührmann, is providing endowment funds on the occasion of his Golden Doctorate to support outstanding doctoral students in the faculty.

The professors and staff of the EITP Faculty extend their warmest congratulations to all graduates on their achievement and wish them all the very best in their professional and personal lives!