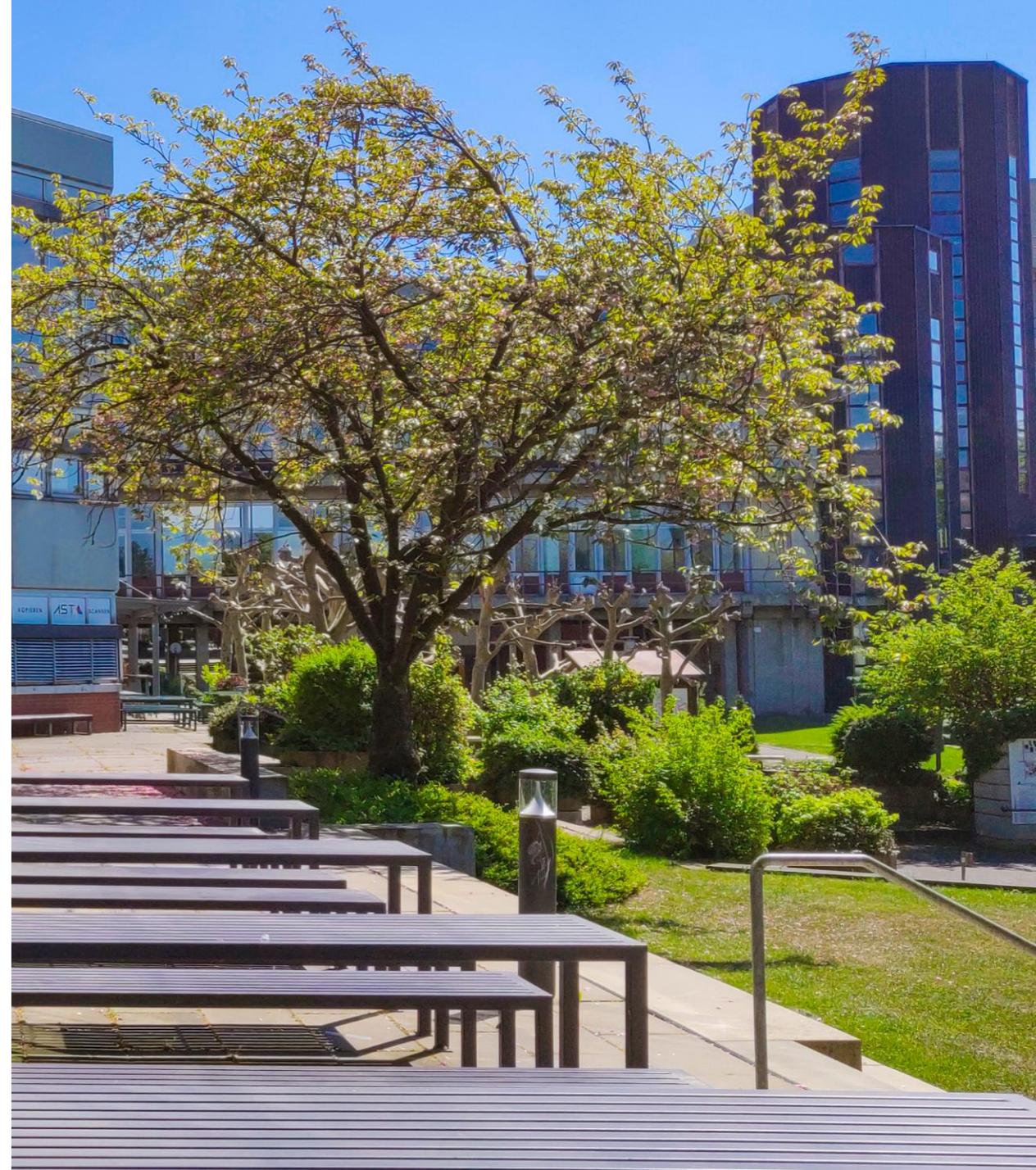




# Welcome of International Students

Department of Electrical Engineering and  
Information Technology

Prof. Dr. Jens Förstner · Head of the EE department  
October 8, 2025



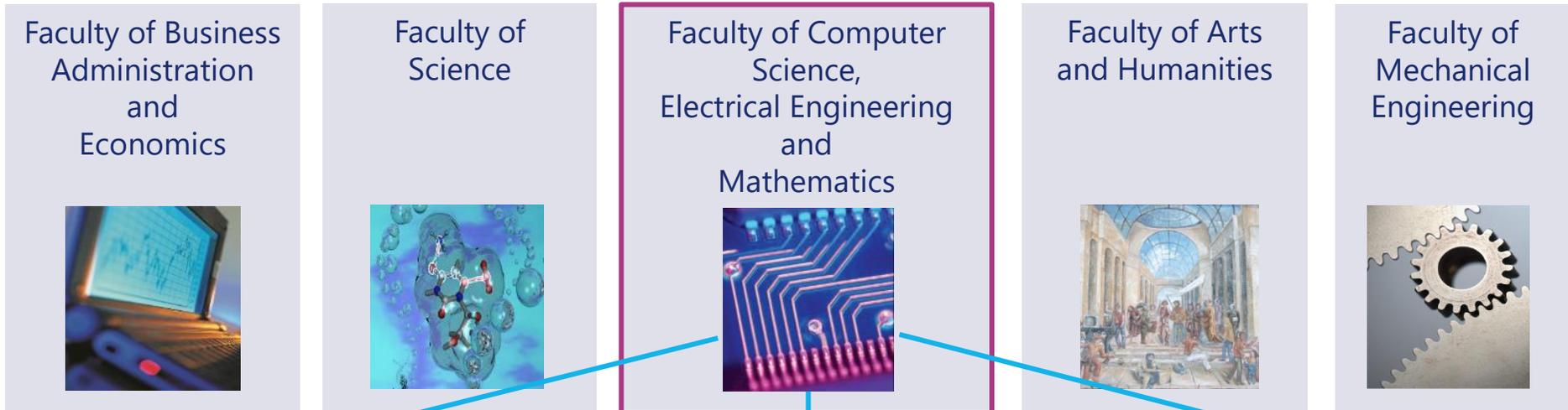


## Prof. Dr. Jens Förstner

- Currently **head of the Electrical Engineering department**
- Professor for **Theoretical Electrical Engineering**
- Research focus: Modelling&Simulation of integrated optical waveguides, photonic **nanostructures**, quantum photonics
- Teaching: Modeling&Simulation (MSc ESE), Electromagnetic Waves and Waveguides (MSc ESE E&D) and many other lectures, projects, seminars, etc.



**If you have questions, please interrupt anytime!**



Department of Electrical Engineering and Information Technology

**some facts now**

Department of Computer Science

see welcome note by Prof. Somorovsky

Institute of Mathematics

broad research area, but no international studies





## Some Facts

- 850 Students
  - 360 Bachelor
  - 480 Master
  - 60 PhD
- 120 Academic Staff
- 15 Full Professors & Research Groups
- over 30 % International Students and Staff

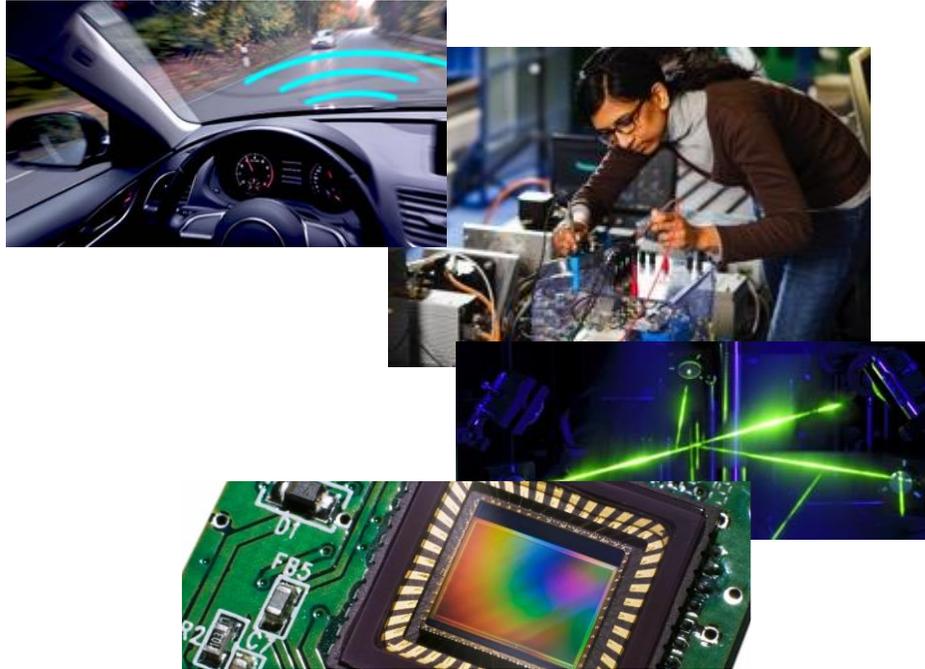
⇒ Excellent staff-to-student ratio. Make use of it!



# Research Topics

(and many related lectures/projects/seminars)

Information technology,  
Optoelectronics & Photonics



Automation and  
control, robotics



Electrical energy  
technology and  
mobility





# International Master Programs

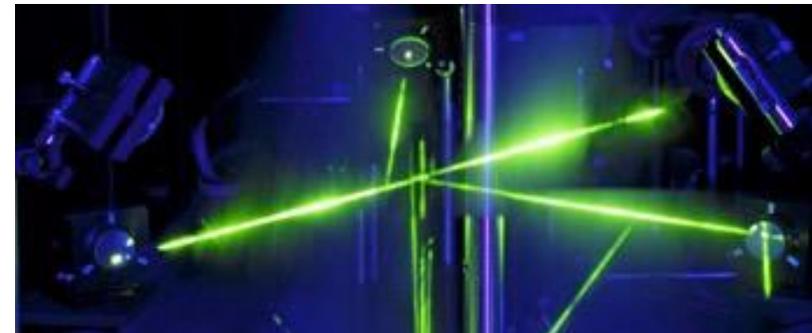
## Electrical Systems Engineering



## Computer Engineering



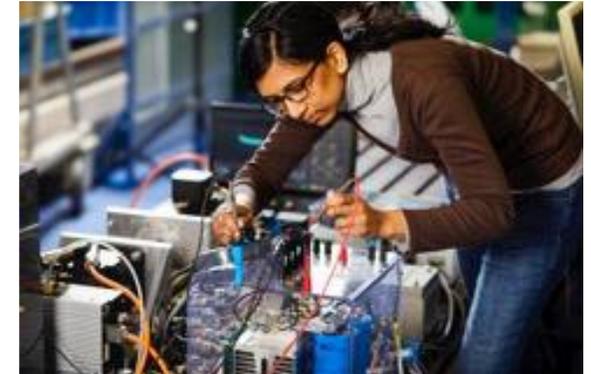
## Optoelectronics and Photonics



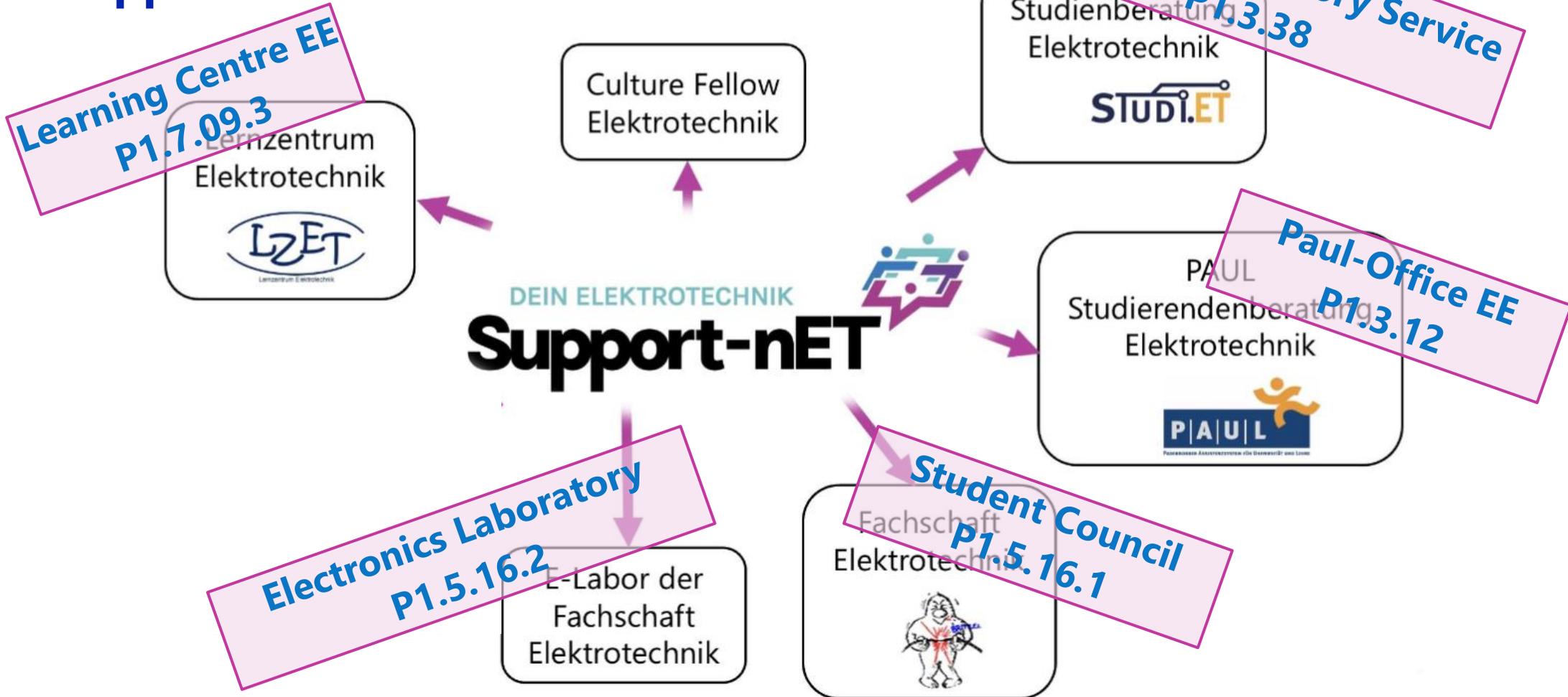


## Studying at a University in Germany...

- Research-oriented (Humboldt philosophy)
  - Many interesting topics actually investigated by the professors and their research groups
  - Hands-on projects in real research labs
  - Relies on self-motivation – not a school, we just loosely guide you, it is up to you to study and research on your own
- Types of courses:
  - Lectures, exercises, tutorials (might need pre- and post preparations)
  - Seminars: critically evaluate research materials you receive and use your analytical skills to prepare talk (no simple repetition of information materials)
  - Group project – others will depend on your pace of work and your output
  - Master thesis – you work mainly independent on your own research project



# Our support





## My personal advice

- Participate in the welcome week ✓ 😊
- Find fellow students for a study group to learn with!
- Really get involved in the courses, small classes allow for actual interaction with the teachers!
- If you need a job, first look for research or teaching assistant positions in the department!
- If you plan to work at a German company afterwards, learn German!
- Try to find a healthy balance between studying and other activities!
- If you encounter problems, don't hesitate to talk to study advisors, professors, or the diverse advisory services!



**I wish you all a great and successful time studying at Paderborn University!!!**