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!

Faculty of Business Administration and Economics

Faculty of Science

Faculty of Computer Science, Electrical Engineering and Mathematics

Faculty of Arts and Humanities

Faculty of Mechanical Engineering
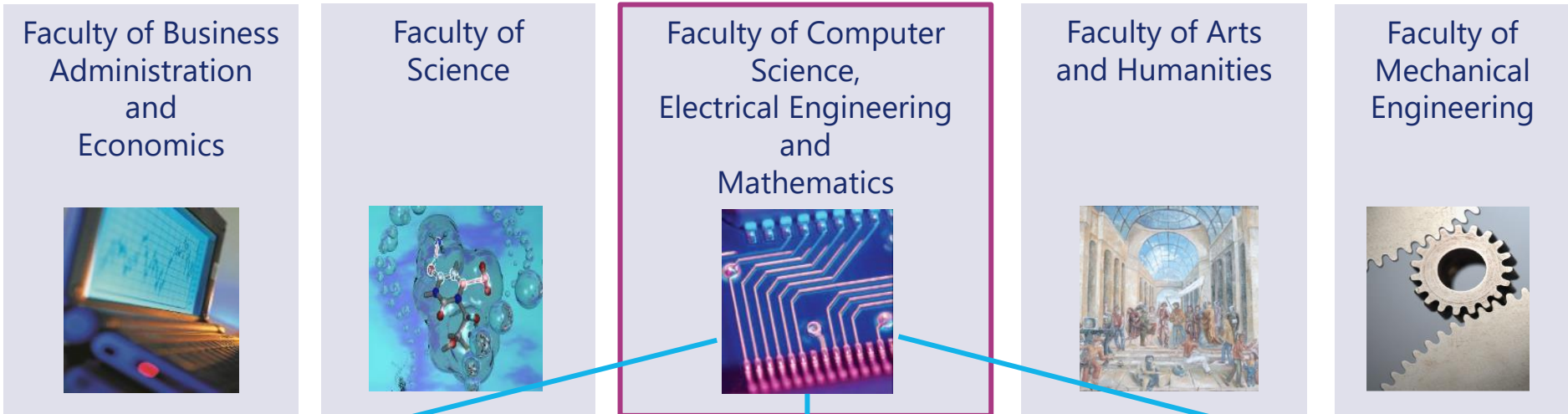
Department of Electrical Engineering and Information Technology

some facts now

Department of Computer Science

see welcome note by Prof. Eric Bodden

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
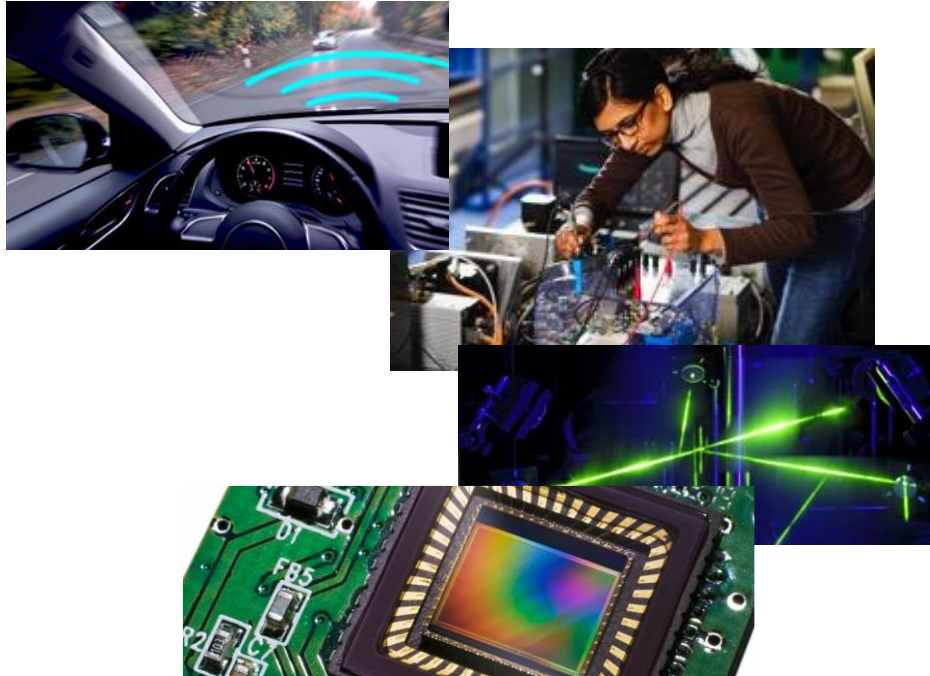- over 30 % International Students and Staff

⇒ 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

Introduction to Study Programs in Parallel Sessions
Introduction to the Computer Engineering Program
Introduction to the Computer Science Program
Introduction to the Electrical Systems Engineering Program
Introduction to the Optoelectronics and Photonics Program

14:00 pm

Computer Engineering
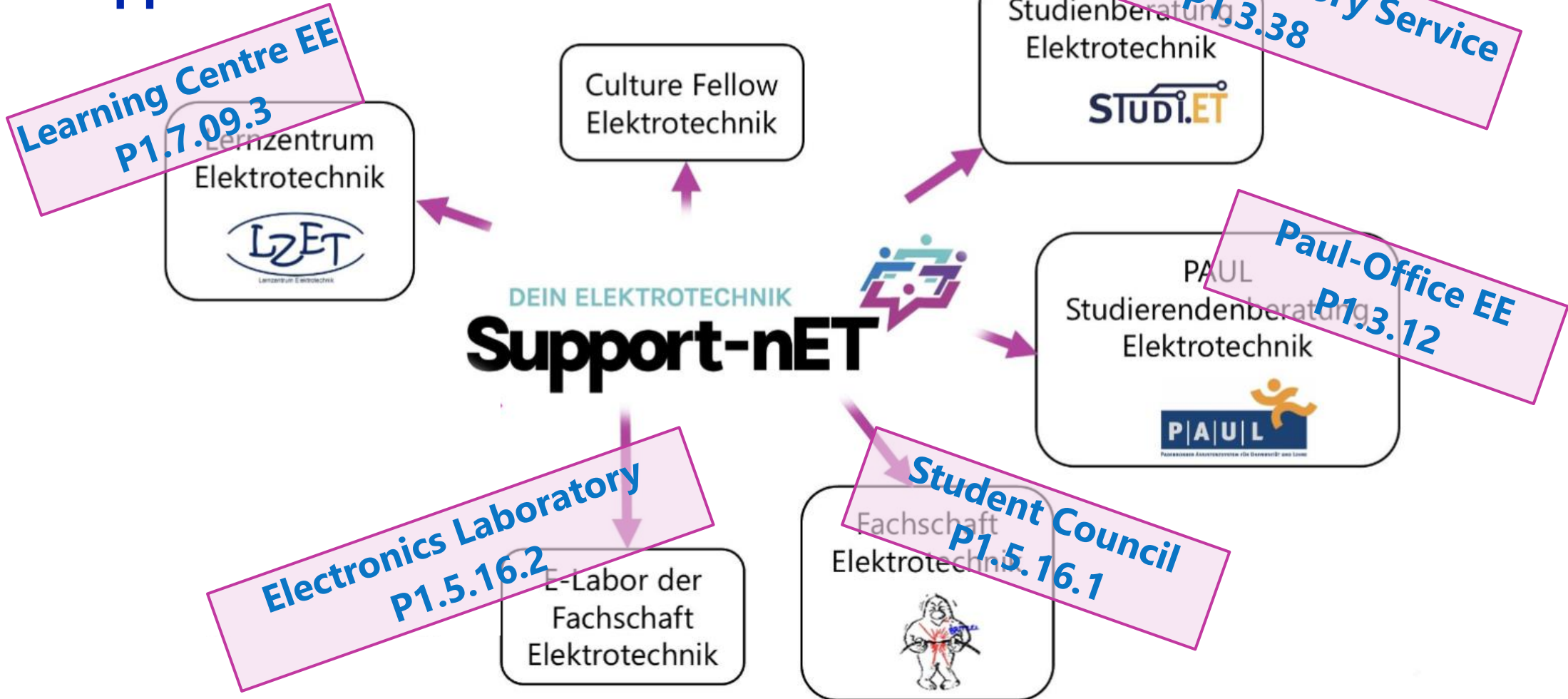
Optoelectronics and Photonics
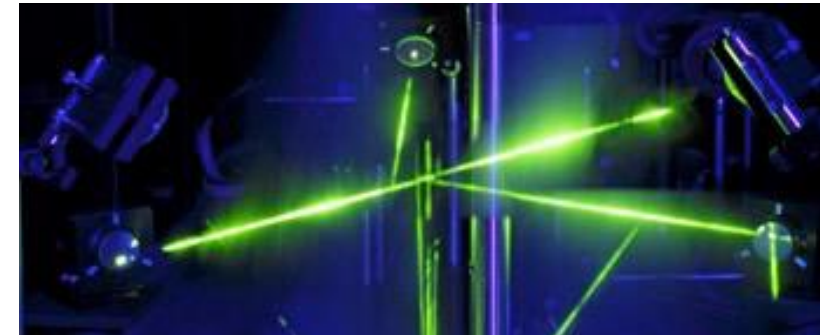
Studying at a University in Germany...

- 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-motivitation – 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

Learning Centre EE
P1.7.09.3

Lernzentrum Elektrotechnik
L2ET

Culture Fellow Elektrotechnik

EE Student Advisory Service
P1.3.38

Studienberatung Elektrotechnik
STUDI.ET

DEIN ELEKTROTECHNIK
Support-nET

Paul-Office EE
P1.3.12

PAUL Studierendenberatung Elektrotechnik
P|A|U|L

Electronics Laboratory
P1.5.16.2

E-Labor der Fachschaft Elektrotechnik

Student Council
P1.5.16.1

Fachschaft Elektrotechnik

Prof. Dr. Jens Förstner · Welcome of International Students · Department of Electrical Engineering and Information Technology · October 1, 2024

8

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!!!