



Welcome Address for new Master Students

Department of Computer Science

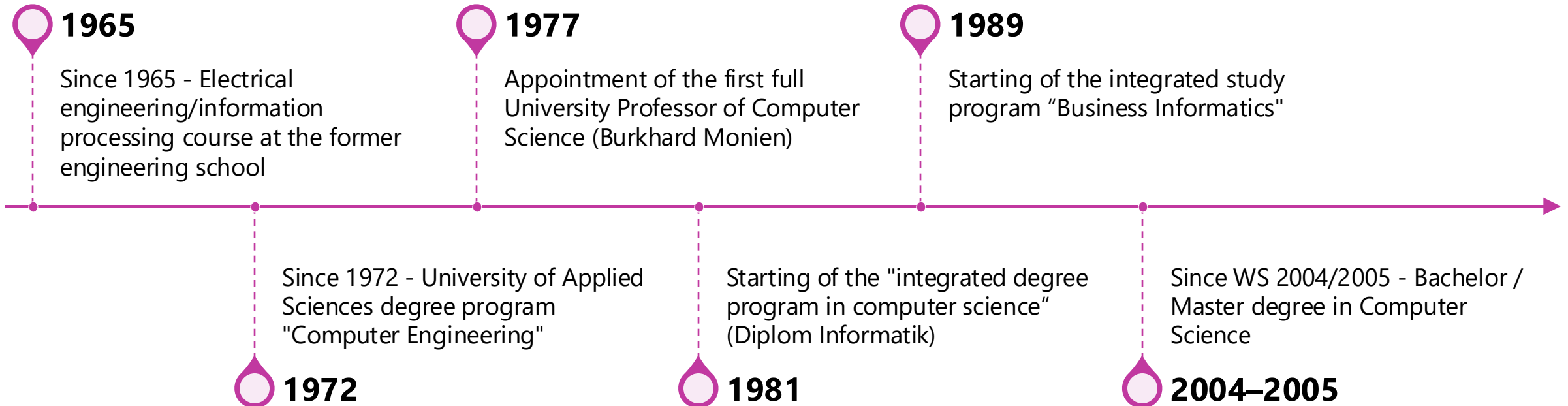
Prof. Dr. Eric Bodden

01.10.2024





„Long History“ of UPB in CS („Informatics“)





Current Student Numbers in CS ...

- **696 „Bachelor Computer Science“**
 - 134 „Bachelor Computer Engineering“
 - 419 „Bachelor Business Informatics“
- **421 „Master Computer Science“**
 - 103 „Master Computer Engineering“
 - 80 „Master Business Informatics“
- „countless“ **teacher trainees** in CS
- roughly **100 PhD Students** in CS





Some current figures on the CS Department



Staff

- 20 appointed Professors
- 4 Junior research group leaders
- 6 vacant positions ...
- 130 scientific employees
- 40 non-scientific employees

Structured along 4 subdisciplines

- Theory of CS
- Software Engineering
- Computer & Communication Systems
- Artificial Intelligence



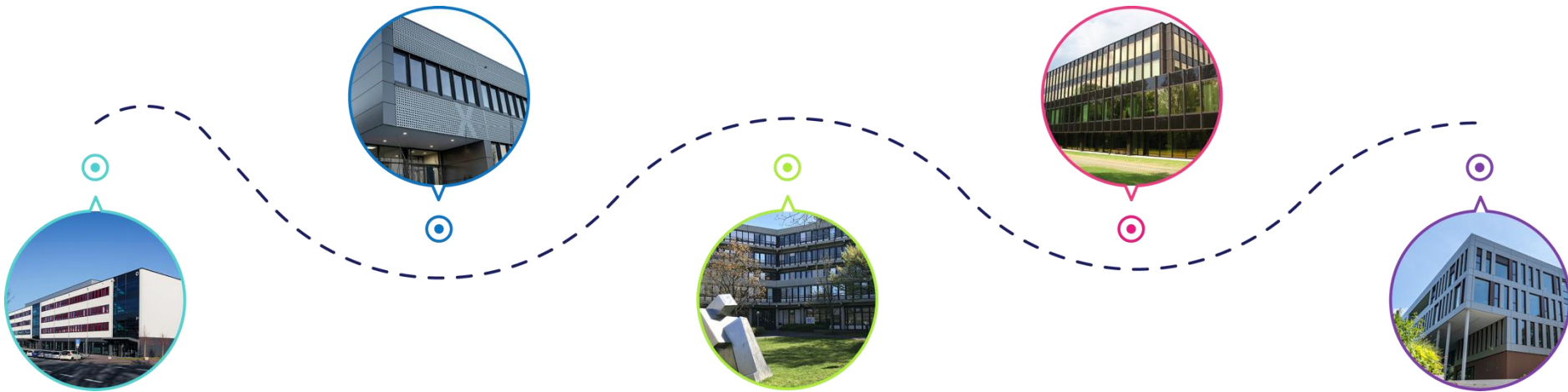
Where you can find CS Professors, Labs etc.

Main Campus

- O-Building
- X-Building
- E-Building

Fürstenallee

- F-Building
- ZM2-Building





Research at the CS Department

5 Research Focus Areas

- Data Science
- Security
- Domain Specific Computing
- Quantum Computing
- Continuous Software Engineering

Professors and their research groups are intended to work jointly in one or several of these research areas and to attract appropriate research funds.





Interdisciplinary Research Units of UPB / CS

Heinz Nixdorf Institute

HEINZ NIXDORF INSTITUT
UNIVERSITÄT PADERBORN

„Our research specializes on intelligent technical systems. We design concepts for intelligent technical systems that are adaptable, robust, user-friendly and act with foresight.“

Fraunhofer IEM



„The Fraunhofer IEM in Paderborn is developing compelling solutions for the future of engineering - from the initial business idea right through to implementation and market success. The focus is on intelligent products, production systems, services and software applications.“



Interdisciplinary Research Units of UPB / CS

Paderborn Center for Parallel Computing



„The PC² is the national high-performance computing center at Paderborn University. Our research mission is to advance interdisciplinary research in parallel computing and computational sciences with innovative computer systems.“





Software Innovation Campus Paderborn



„The SICP at Paderborn University is an interdisciplinary research and innovation network in which companies and science jointly research and implement digital innovations in five areas of expertise: Cyber-Physical Systems, Digital Business, Digital Security, Smart Systems and Software Engineering.“



Our study office: The first point of contact for your study-related matters

 <p>Dr. Harald Selke</p> <p>> Mehr zur Person</p>	 <p>Lennart Clausing, M.Sc.</p> <p>> Mehr zur Person</p>	 <p>Dr. Rita Hartel</p> <p>> Mehr zur Person</p>	 <p>Dr. Jana Seep</p> <p>> Mehr zur Person</p>
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<https://cs.uni-paderborn.de/studium/studienbuero>

Thank you for your attention

Prof. Dr. Eric Bodden





Prof. Dr.

Eric Bodden

Secure Software Engineering
Heinz Nixdorf Institute / Fraunhofer IEM / SICP

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Office hours by appointment only