RESEARCH

Fraunhofer Institutions
- Fraunhofer Institute for Mechatronic Systems Design (IEM)
- Fraunhofer ENAS, Department of Advanced Systems Engineering

Joint Ventures
- C-LAB – Cooperative Computing & Communication Laboratory – Joint research and development laboratory operated by Atos and Paderborn University
- DMRC – Direct Manufacturing Research Centre – A consortium of industrial partners and Paderborn University
- it's owl – BMBF-Leading-Edge Cluster "Intelligent Technical Systems OstWestfalenLippe" with 200 partners
- L-LAB – Research Centre for Lighting Engineering and Mechatronics. Public Private Partnership between Hella KG Hueck & Co, Hamm-Lippstadt University of Applied Sciences and Paderborn University
- SICP – Software Innovation Campus Paderborn – A cooperation of Paderborn University with the Fraunhofer Institute for Mechatronic Systems Design (IEM) and companies of the region

DFG Research Units
- Acoustic sensor networks
- Dynamics of Electron Transfer Processes at Transition Metal Centres in Biological and Bioinorganic Systems

CONTACT

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Vice-President for Operations	60 – 25 57
Advisory Board	60 – 28 52
PR and Communications	60 – 25 53/25 48
Marketing	60 – 32 63
Networking and Fundraising	60 – 52 54
Higher Education Development Unit	60 – 43 23
TecUP (Technology Transfer, Start-Ups)	60 – 20 76
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Information and Media Technologies Centre (IMT)	60 – 23 98
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PADERBORN UNIVERSITY

2018

PADERBORN UNIVERSITY IN PROFILE

RESEARCH

Key Research Areas
- Digital Humanities
- Intelligent Technical Systems
- Lightweight Design with Hybrid Systems
- Optoelectronics and Photonics

DFG Collaborative Research Centres
- On-The-Fly Computing (SFB 901)
- Tailored Nonlinear Photonics: From Fundamental Concepts to Functional Structures (SFB/TRR 142)

Graduate Schools
- Design of Flexible Work Environments – Human-Centred Use of Cyber-Physical Systems in Industry 4.0
- Energy- and Cost-Efficient Extreme Lightweight Design with Hybrid Materials
- Individual Support: Competence Development in Vocational Education
- Intelligent Systems in Automation Technology

Interdisciplinary Research Institutes
- Centre of Excellence "Music – Edition – Media", Paderborn University, University of Music Detmold and Ostwestfalen-Lippe University of Applied Sciences (ZenMEM)
- Centre for Comparative Theology and Cultural Studies (ZeKK)
- Centre for Gender Studies (ZG)
- Centre for Optoelectronics and Photonics Paderborn (CeOPP)
- Competence Centre for Sustainable Energy Technology (KET)
- Heinz Nixdorf Institute (HNI)
- Institute for Lightweight Design with Hybrid Systems (ILH)
- Musicology Seminar Detmold/Paderborn
- Paderborn Centre for Educational Research and Teacher Training (PLAZ)
- Paderborn Centre for Advanced Studies (PACE)
- Paderborn Centre for Parallel Computing (PC^2)
- Paderborn Institute for Data Science and Scientific Computing (DaSCo)
- Software Innovation Lab (SI-Lab)

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Prof. Dr.-Ing.
Volker Schöppner
Vice-President for Academic Affairs and Quality Management

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Torsten Meier
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FACULTIES

I Faculty of Arts and Humanities
Department of English and American Studies, Department of Education, Department of Protestant Theology, Department of German Studies and Comparative Literary Studies, Department of History, Department of Social and Human Sciences (Philosophy, Psychology, Sociology), Department of Catholic Theology, Department of Art, Music and Textiles, Department of Media Studies, Department of Romance Languages, Musicology Seminar Detmold/Paderborn

II Faculty of Business Administration and Economics
Department 1: Management, Department 2: Taxation, Accounting and Finance, Department 3: Business Information Systems, Department 4: Economics, Department 5: Business and Human Resource Education, Department 6: Law

III Faculty of Science
Department of Physics, Department of Chemistry, Department of Exercise and Health

IV Faculty of Mechanical Engineering
Sixteen professorships, five interdisciplinary research facilities

V Faculty of Computer Science, Electrical Engineering and Mathematics
Department of Electrical Engineering and Information Technology, Department of Computer Science, Department of Mathematics

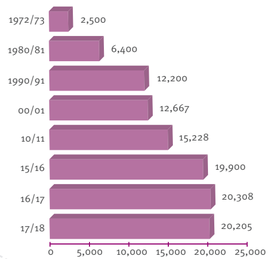
UNIVERSITY IN FIGURES

STUDENTS

ORIGIN OF STUDENTS

Total	20,205	100 %
Federal state of North Rhine-Westphalia	16,118	80 %
Other German federal states	2,466	12 %
Foreign countries	1,621	8 %

TOTAL NUMBER OF STUDENTS



INTERNATIONAL STUDENTS

Continent	Students	Percent
Africa	201	12 %
America	30	2 %
Asia	818	51 %
Australia	2	0 %
Europe	570	35 %
Total	1,621	100 %

STUDENT NUMBERS

Target Degree	WS 2015/16		WS 2016/17		WS 2017/18	
	total	female	total	female	total	female
Bachelor*	13,400	6,244	13,952	6,627	14,067	6,751
Master*	3,656	1,538	4,288	1,973	4,779	2,189
Teaching degrees in total**	2,079	1,387	1,287	819	586	348
Doctorate	765	304	781	314	764	316
Total	19,900	9,473	20,308	9,733	20,205	9,604
Exchange Students	147	81	176	104	132	88

*) Incl. teaching degree Bachelor/Master. **) Discontinued degree programmes.

STAFF

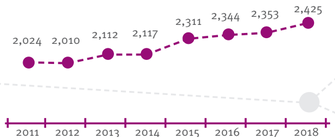
STAFF (JANUARY 2018)

Organisational Unit	Academic staff			Non-academic staff			Total		
	m	f	total	m	f	total	m	f	total
Arts and Humanities	143	260	403	6	39	45	149	299	448
Business Administration and Economics	93	81	174	4	25	29	97	106	203
Science	104	66	170	21	40	61	125	106	231
Mechanical Engineering	111	31	142	39	24	63	150	55	205
Computer Science, Electrical Engineering and Mathematics	158	55	213	32	44	76	190	99	289
Central Institutions	40	76	116	176	232	408	216	308	524
Total	649	569	1,218	278	404	682	927	973	1,900

EXTERNALLY FUNDED STAFF (JANUARY 2018)

Organisational Unit	Academic staff			Non-academic staff			Total		
	m	f	total	m	f	total	m	f	total
Arts and Humanities	35	72	107	2	2	4	37	74	111
Business Administration and Economics	23	22	45	3		3	26	22	48
Science	80	40	120	1	7	8	81	47	128
Mechanical Engineering	116	23	139	7	3	10	123	26	149
Computer Science, Electrical Engineering and Mathematics	89	22	111	2	3	5	91	25	116
Central Institutions	45	10	55	3	9	12	48	19	67
Total	388	189	577	18	24	42	406	213	619

DEVELOPMENT OF STAFF (JANUARY 2018)



FINANCES

FINANCES (2018)*

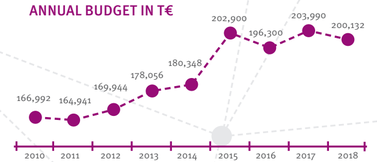
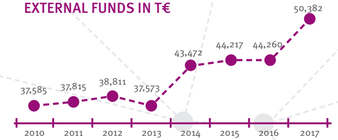
	Budget in thousands of €	%
Staff	135,458	68
Rent	21,330	11
Management of resources	10,800	5
Other funds for research and teaching	22,454	11
Investments	10,090	5
Total	200,132	100

*) According to economic year.

EXTERNAL FUNDS (FINANCIAL YEAR 2017)

Organisation Unit	in thousands of €
Arts and Humanities	7,049
Business Administration and Economics	3,272
Science	10,408
Mechanical Engineering	13,604
Computer Science, Electrical Engineering and Mathematics	9,324
Central Facilities	6,726
Total	50,382

ANNUAL BUDGET IN T€



EXTERNAL FUNDS IN T€