

WITH AUTONOMY COMES RESPONSIBILITY

GOETHE 
UNIVERSITÄT
FRANKFURT AM MAIN

2010 REPORT



FOREWORD
»MAKING A DIFFERENCE TOGETHER!«

»Science for society« – this was the slogan headlining the first Goethe University supplement to appear nationwide in the weekly newspaper »Die Zeit« in February 2010. Eight pages provided a readership of millions with a sweeping view of a university which, as well as striving for high-quality research and teaching, also tackles current **social challenges**. Whether it is new insights in research into cardiovascular diseases and cancer, the regulation of financial markets on a German and European level, or new rules for the society of tomorrow, again and again Goethe University academics come to the fore in answering our most pressing questions.

Founded as a »citizen's university« in 1914, Goethe University aims to make a difference – even to **Frankfurt's cultural life**, in the form of concerts or unusual works of art such as the new oversized sculpture »Body of Knowledge« by the Catalan artist Jaume Plensa on our Westend campus's new main square.

In research, Goethe University has become established among the best Hessian universities, reaching the top – and not only in **international higher education league tables**. A full four faculties were among the best 100 in the world in the Shanghai rankings, and one even among the best 50. In Hesse's LOEWE State Initiative for the Development of Scientific and Economic Excellence – an initiative for excellence covering all Hesse – Goethe University succeeded in gaining by far the largest amount of funding. The university also pulled off a major coup by building the »**LOEWE-CSC**« super-

computer, one of the most powerful in Europe and among the most ecological in the world. The computer supports top research at GU and other institutes of higher education and research centres, all of which require a great deal of processing power. The university's **appointments** policy also proved successful: in the vast majority of cases (80 per cent), the no. 1 candidate on the list was appointed; more than 30 per cent were women.

»Science for society« – this motto also means that Goethe University steps in on behalf of its members when they are in difficulty. Thanks to public support, we managed to protect our law student Hassan Khateeb and his family from almost certain deportation. I would like to thank all those who helped make this possible. This example clearly shows that **together, we can make a difference**, if only we try. On that note, I leave you to enjoy an inspiring read and gain all kinds of new insights on your voyage of words through our 2010 annual report.

Best regards,



Werner Müller-Esterl, President



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KEY FIGURES AT GOETHE UNIVERSITY, 2010

ALMOST 39,000 STUDENTS IN THE 2010/2011 WINTER SEMESTER, OF WHOM 6,400 WERE INTERNATIONAL STUDENTS

64 PROFESSORS WERE APPOINTED TO WORK AT GOETHE UNIVERSITY IN 2010, OF WHOM 28 PER CENT WERE WOMEN.

GOETHE UNIVERSITY IS PROUD OF ITS 58 FOUNDATION PROFESSORSHIPS, FOUNDATION VISITING PROFESSORSHIPS AND DISTINGUISHED PROFESSORSHIPS.

NUMBER ONE AMONG HESSIAN UNIVERSITIES: IN 2010 GOETHE UNIVERSITY SUCCEEDED IN WINNING 3 NEW LOEWE PROJECTS.

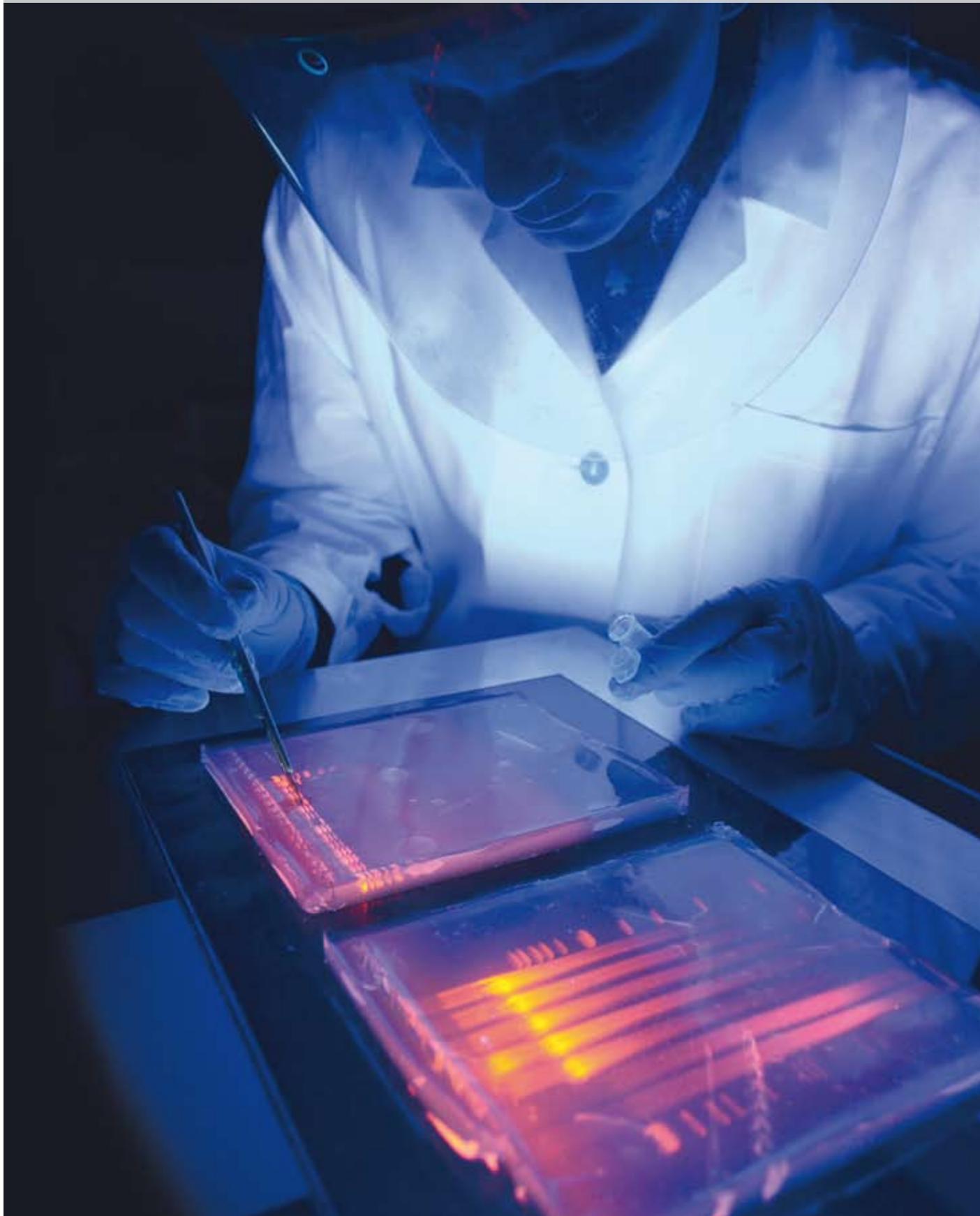
FOUNDATION FUNDS: €145.5 MILLION (INCLUDING FIRM PLEDGES)

€136 MILLION IN EXTERNAL FUNDING (INCLUDING LOEWE FUNDING)

NEVER TOO YOUNG TO START ... 13,500 SCHOOLCHILDREN CAME TO THE FRANKFURT CHILDREN'S UNIVERSITY IN 2010

MORE THAN 8 MILLION ITEMS IN THE UNIVERSITY LIBRARY

RESEARCH



Competition between universities is mounting, worldwide. Having got off to a successful start in the field of research, in 2010 Goethe University was able to keep up this development process and further extend its position among the country's top research universities. With its targeted junior staff development programme and appointments policy, the university has succeeded in expanding its research work in the long term, placing greater emphasis than ever on key research areas and considerably improving external funding.

The renowned **Shanghai and CHE rankings** testify to the success of Frankfurt research. In the Shanghai rankings, which compare the research achievements of the world's 500 leading universities, Goethe University achieved its best placing yet, with a full four faculties and academic fields in the top 100 group. Economics/Business was the only German faculty of its kind to make it into the top 100 group; the same is true of natural sciences and mathematics. The faculties of medical science and pharmacy even came out among the world's top 75 (coming second in Germany), while the faculty of physics came out the best, at 48th in the world (third in Germany). Altogether, Goethe University assumes a leading position, ranking among the world's best 150 universities, thus counting among the best ten in Germany and the best 50 in Europe.

In October 2010, the Centre for Higher Education (CHE) published its rankings, showing that Goethe University is among the European »Excellence« group in the fields of biology and physics. The year before, the subject of political science had already scored a success. Altogether, the CHE has investigated seven fields so far.

BIG COMPETITIONS, BIG PROJECTS, BIG ALLIANCES

GOETHE UNIVERSITY IS A LOEWE FRONTRUNNER

In 2010, Goethe University came out a LOEWE frontrunner: it is the most successful university in attracting funding for projects as part of the Hesse Initiative for Excellence. **LOEWE** (the Hesse State Initiative for the Development of Scientific and Economic Excellence) promotes outstanding cooperative research projects involving institutes of higher education and non-university research institutes. In 2010, three newly organised LOEWE projects run by Goethe University celebrated the awarding of their certificates.

At the **»Center for Cell and Gene Therapy«**, Goethe University scientists under Prof Andreas Zeiher and Prof Hubert Serve cooperate with researchers from Georg-Speyer-Haus, Frankfurt, and the Max Planck Institute for Heart and Lung Research in Bad Nauheim. Along with their partners, they aim to augment cell and gene therapy procedures to make them more efficient, safer and more specific. Combining the two therapeutic principles gives hope to scientists at the centre and, above all, to patients that in future there will be better means of treating a wide range of serious diseases for which there is as yet no successful treatment. From 2011 to 2013, the LOEWE centre will receive €16.2 million in funding.

The LOEWE priority programme **»Neuronal Coordination Research Focus Frankfurt«**, **NeFF** for short, carries out research into brain diseases. To this end, scientists have come together from Goethe University, the Max Planck Institute for Brain Research and the Frankfurt Institute for Advanced Studies (FIAS). Led by Prof Ulf Ziemann, the project is

designed to gain a better understanding of phenomena such as perception, attention, memory, emotion and consciousness in order to make long-term progress in the medicinal treatment of conditions such as Alzheimer's or autism. For 2011 to 2013, the priority programme has received €4.3 million in regional funding. The LOEWE priority programme **»Digital Humanities«** is an interdisciplinary cooperative project between Humanities, Cultural Studies and Computer Science at the universities of Frankfurt and Darmstadt, in partnership with Freies Deutsches Hochstift (Frankfurt). The goal is to link basic research in humanities and cultural studies using procedures from computer science. The project, run by Prof Jost Gippert, is designed to develop methods and tools to scientifically assess and link digital data such as images, films or audio recordings. From 2011 to 2013, Hesse will be providing a total of €3.8 million for this purpose.

Goethe University is also involved in the LOEWE priority programme **»Insect Biotechnology«**, which is to receive €4.5 million in regional funding from 2011 to 2013. The Justus Liebig University in Gießen is in charge of this project.

Goethe University is thus running or playing a role in four LOEWE competition centres and seven priority programmes: in 2008, it already managed to gain three centres and one priority programme (Lipid Signaling Research Center Frankfurt – LiFF). In 2009, it made a successful application for one more priority programme, and it plays a key role in two more, one run by Gießen University and the other by the Frankfurt University of Applied Sciences.

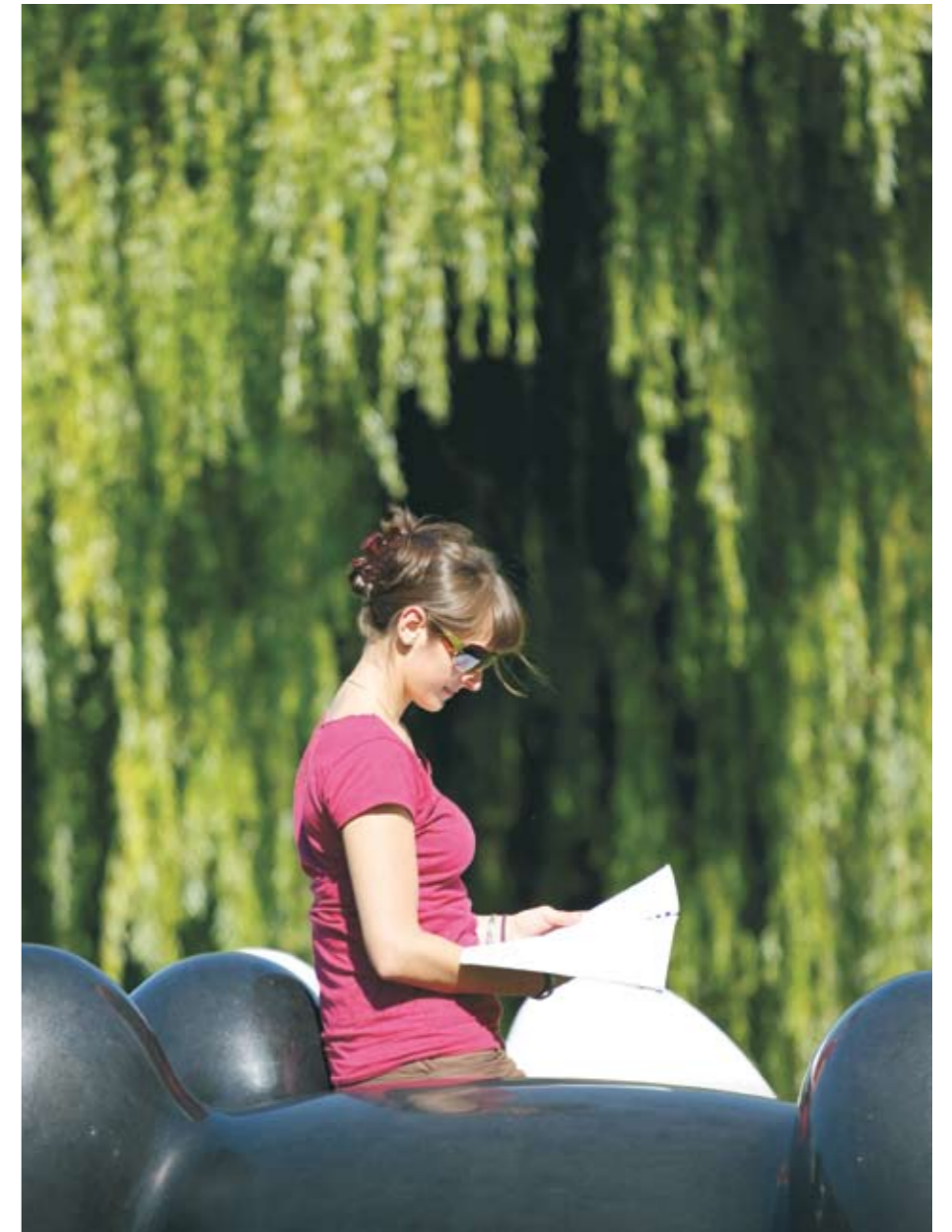
INITIATIVES FOR EXCELLENCE

The three Clusters of Excellence previously gained by Goethe University in the first phase of the Initiative for Excellence – **»Formation of Normative Orders«**, **»Macromolecular Complexes«** and **»Cardio-Pulmonary System«** – continued their successful scientific work in 2010. They will be handing in their extension applications on 1 September 2011.

In 2010, Goethe University invested a great deal of energy in preparing for the second phase of the federal and state Initiatives for Excellence. Three initiatives for graduate schools and one for a Cluster of Excellence were selected. These planned projects were complemented by an application in the **»Future Promotional Strategies«** funding stream. On 3 March 2011, Goethe University was informed by the Science Council and German Research Foundation (DFG) that its applications had not been successful. **»Anyone going up against competition needs to be prepared for the possibility of defeat,«** said Prof Werner Müller-Esterl, university president. **»However great my regret that our applications were not approved, I am equally convinced that the ideas, strategies and viewpoints developed in those applications will lead the way into the future. I hope that we will now find other ways and means of achieving these worthy objectives without funding from the Initiative for Excellence.«**

AN EYE ON HEALTH

In a national competition to set up health centres, Goethe University has overcome the first hurdle in the application process. The university had applied jointly with the University of Mainz and other



research institutes in the Rhine-Main area for funding two national health research centres: a German consortium for translational cancer research and a German centre for cardiovascular research. Both are to be based at the Goethe University hospital. The research units under Prof Hubert Serve and Prof Simone Fulda (cancer research), and under Prof Andreas Zeiher (cardiovascular research) now need to merge their application into a consortium application, each along with six other centres.

OPENING OF HISTORICAL HUMANITIES RESEARCH CENTRE

»Nothing is of greater importance for the innovative potential of the humanities than being disrupted by strange new ideas.« This quote calls the tune at the new research centre for historical humanities at Frankfurt's Goethe University, where over 120 scholars from various faculties

are investigating new ways of researching and learning. After all, as repeatedly observed by historian Prof Bernhard Jussen, who set up the centre and is one of two spokespeople for its governing body, fundamental academic innovations triggered by internal developments within individual disciplines are noticeably rare on the ground: they are far more likely to be the result of open dialogue between disciplines. The centre provides a venue for constant research discussion, closely linked to teaching and junior staff development and with far-reaching international connections. In the process, it integrates academic expertise from the fields of history, philosophy, the Romance languages, English language and literature, German, art history and jurisprudence at Goethe University. One aspect of elementary importance for work at the research centre is cooperation with outstanding non-university institutes in Frankfurt.

EU FUNDING SUCCESSES A BOUNDLESS THIRST FOR KNOWLEDGE

In all, Goethe University has so far won eight European Research Council (ERC) grants, including two new projects approved in 2010. This puts Goethe University in fourth place in 2010 among German institutes of higher education with the most ERC grants.

Martin Möller, who has worked as a professor for Algebra and Geometry at Goethe University since 1 January 2010, learned in June 2010 that his research work in the field of »Physical Sciences and Engineering« was being awarded a »Starting Independent Researcher Grant« and one million euros for the next five years. Prof Möller's aim is to understand the complex geometry of moduli spaces. These multi-dimensional spaces are so complex that they defeat the imagination even of experienced mathematicians such as Möller.

Another ERC grant at Goethe University was announced in November: the economist Prof Nicola Fuchs-Schündeln received an ERC Starting Grant (€1.4 million) for her project entitled »The Role of Preferences and Institutions in Economic Transitions«. Prof Fuchs-Schündeln came to Goethe University from Harvard in July 2009. Among other things, her research deals with the question of how political and economic systems shape humanity, and what role that plays in the development of economic preferences.

At the same time, 14 new joint EU projects began in 2010, three of which were run by Goethe University scholars.

For example, the GOETE project (Governance of Educational Trajectories in Europe. Access, coping and relevance of education for young people in European knowledge societies in a comparative

perspective) looks into the question of which actors and decision-making processes have a decisive effect on learning processes in children and young people. GOETE unites researchers from 13 partner institutions in Germany, Finland, France, Britain, Italy, the Netherlands, Poland and Slovenia. Coordinator: Prof Andreas Walther, Faculty of Educational Sciences. Funding for 2010–2012: €2.7 million.

ABC4Trust (Attribute-Based Credentials for Trust) aims to develop a procedure to facilitate identity management on the Internet without putting data protection at risk. The European Union is providing almost nine million euros to fund this cooperative project involving 12 institutions from the fields of research, industry and practical application. It is coordinated by Prof Kai Rannenberg of the Faculty of Economics and Business Administration. ABC4Trust will be testing out these technologies aimed at data protection at a Swedish school and at the University of Patras in Greece. EU funding for 2011–2014: €8.85 million.

In addition, the projects UNDESERT and BIO-NMR each received more than half a million euros of funding. The aim of UNDESERT (Understanding and combating desertification to mitigate its impact) is to gain a better understanding of progressive desertification and land degradation in West Africa, and to combat it. Nine universities and research institutes from seven countries are cooperating on the project. GU researcher participating: Dr Karen Hahn, Faculty of Biological Sciences. Project duration: 2010–2015, project funding: €3.5 million.

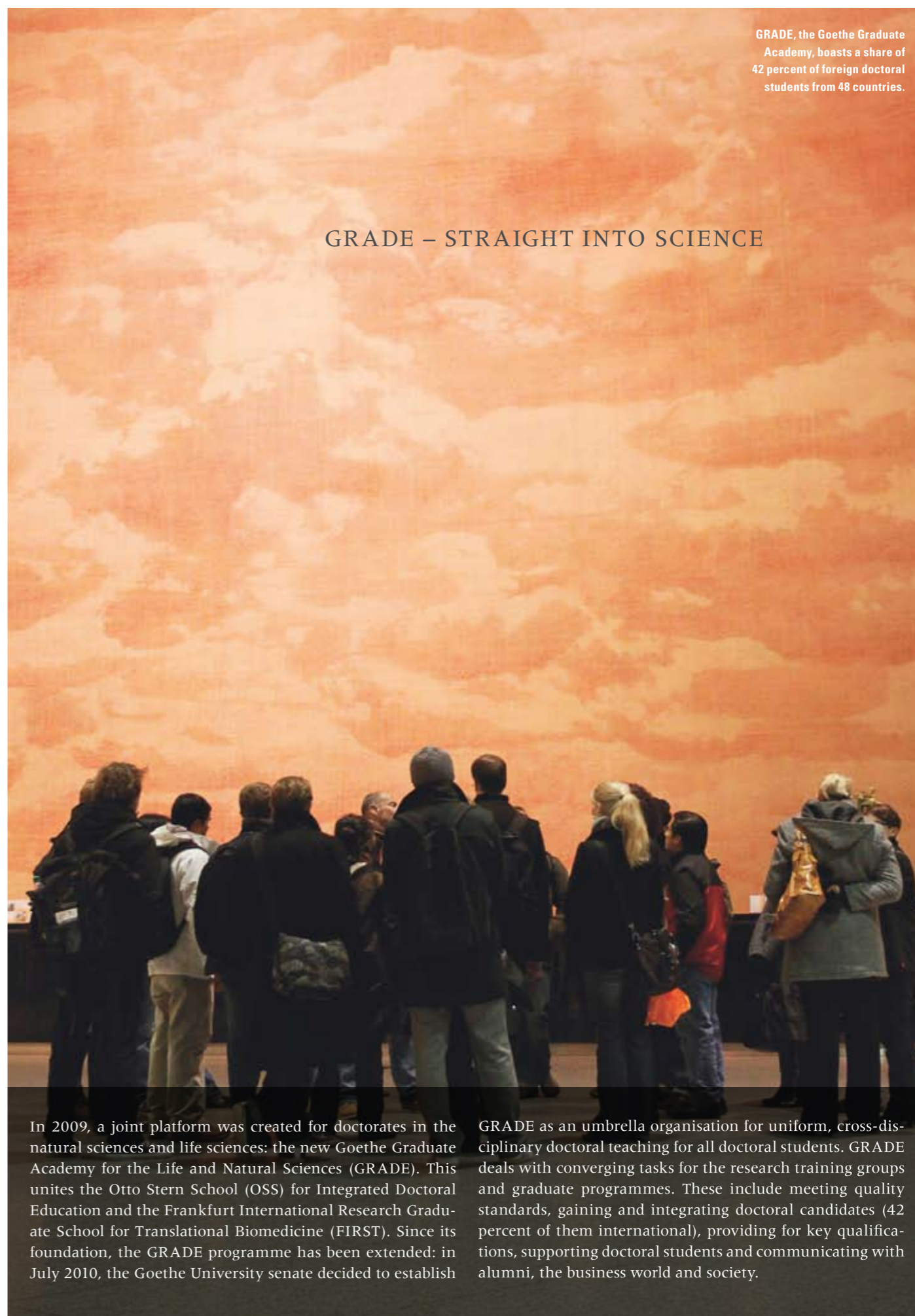
The BIO-NMR project (Bio-NMR: NMR

for structural biology, with NMR standing for »Nuclear Magnetic Resonance«) is designed to strengthen and shape the infrastructure of biological NMR, its user community and research into biological NMR in general, in order to meet increasingly complex biomedical challenges with high-quality research work. The Bio-NMR consortium is made up of leading European NMR infrastructure centres; the project opens them up to scientists from throughout Europe. Prof Harald Schwalbe of the Faculty of Biochemistry, Chemistry and Pharmacy is involved on the part of Goethe University. Project duration: 2010–2014, project funding: €9 million.

The aim of the JUDAICA Europeana project (Jewish Urban Digital European Integrated Cultural Archive) is to create a multilingual means of access to Jewish cultural collections. Their great variety is reflected in the hundreds and thousands of items such as books, manuscripts, journals, audio recordings, images, photographs, postcards, posters, films, and even buildings and cemeteries, scattered across a wide range of collections. The plan is to put digitalised items online, and to start digitalising millions of pages of text and thousands of items. Judaica Europeana involves ten institutions in Frankfurt, London, Athens, Bologna, Budapest, Paris, Rome and Warsaw. It is coordinated by Dr Rachel Heuberger of the Johann Christian Senckenberg University Library. The EU is providing €1.5 million of funding for the project.

GRADE, the Goethe Graduate Academy, boasts a share of 42 percent of foreign doctoral students from 48 countries.

GRADE – STRAIGHT INTO SCIENCE



In 2009, a joint platform was created for doctorates in the natural sciences and life sciences: the new Goethe Graduate Academy for the Life and Natural Sciences (GRADE). This unites the Otto Stern School (OSS) for Integrated Doctoral Education and the Frankfurt International Research Graduate School for Translational Biomedicine (FIRST). Since its foundation, the GRADE programme has been extended: in July 2010, the Goethe University senate decided to establish

GRADE as an umbrella organisation for uniform, cross-disciplinary doctoral teaching for all doctoral students. GRADE deals with converging tasks for the research training groups and graduate programmes. These include meeting quality standards, gaining and integrating doctoral candidates (42 percent of them international), providing for key qualifications, supporting doctoral students and communicating with alumni, the business world and society.

HOUSE OF FINANCE



House of Finance on the Westend campus

SUPERVISING INSURANCE REGULATION

In 2010, the International Center for Insurance Regulation (ICIR), a globally unique academic centre, took up its work at Goethe University. The idea behind the ICIR is to bring together the latest developments and findings on the topic of insurance regulation and take them further in the form of independent research. Along with the Goethe Business School it aims to bring the latest scientific findings to the regulation authorities and insurance companies.

KNOWLEDGE TRANSFER BETWEEN THE HOUSE OF FINANCE AND PUBLIC POLITICS THE POLICY PLATFORM

At the start of 2010, the Center for Financial Studies, the Institute for Law and Finance, the Institute for Monetary and Financial Stability and the E-Finance Lab – four research institutes based at the House of Finance – founded the »Policy Platform«. The aim of this joint initiative is to bring research results into the public eye and heighten communication with applied political practice. The Policy Platform provides academics at the House of Finance and the Goethe University Faculties of Law / Economics and Business Administration with the conditions they need to do so: they can electroni-

cally publish politically relevant research results in the fields of financial and fiscal policy, banking and the money market, consumer finance and commercial law in the form of extensive white papers or shorter policy letters on the Policy Platform website. The target groups are decision-makers in parliaments and national and European institutions, and interested members of the public. Furthermore, the Policy Platform organises meetings taking place throughout the year between scholars from the House of Finance and high-ranking politicians and representatives of public authorities. These workshops provide a setting in which to exchange ideas in small groups.

For further information and access to the publications, see the Policy Platform website:
www.hof.uni-frankfurt.de/policy_platform

20 FELLOWS FROM AROUND THE WORLD IN ITS SECOND YEAR INSTITUTE FOR ADVANCED STUDIES IN THE HUMANITIES



Safe haven for thinking among nature:
 the Human Sciences research unit

Goethe University's Institute for Advanced Studies in the Humanities in Bad Homburg opened in the 2009 summer semester. Now in its second year, it has become firmly established as a venue for international exchange. Some 20 scholars from all over the world used the opportunity to extend their research and take part in interdisciplinary discussion. Topics ranged from the history of the early Federal Republic to the rights of women in Iran or »Cosmopolitanism within a country«. The fellows' and guest scientists' work is from the viewpoint of history and philosophy, law and political science.

The Iranian lawyer and human rights activist Shadi Sadr, for example, was hosted for roughly six months. Sadr investigated the relationship between the Iranian women's movement and the »Green Movement« (the 2009 protests and re-

formatory actions in reaction to the disputed elections). Sadr was arrested several times in Iran. For her commitment she has received, among other things, the U.S. State Department's »International Women of Courage Award«.

For several months, the political philosophers Prof David Owen of the University of Southampton and Prof Peter Niesen of TU Darmstadt worked together with members of the Frankfurt Cluster of Excellence »Formation of Normative Orders« on a shared topic. They sum up their project, funded as part of the Cluster, under the heading »Cosmopolitanism within a country«. This means a mediating idea linking the world, which is made up of separate countries, and the concept of a world state, an all-encompassing political community.

Seyla Benhabib, a prominent professor of political theory and philosophy at Yale University, was one of the speakers at the international human rights conference run at the university by the Cluster of Excellence. Ideas triggered by the research unit constantly play a part in Frankfurt research and teaching.

FIAS – NETWORK FLAGSHIP

Since its foundation in 2004 as a Goethe University foundation, the Frankfurt Institute for Advanced Studies (FIAS) has developed into a focal point for top research in Hesse.

»At the FIAS we use theoretical methods to study what are mainly interdisciplinary problems, somewhere on a spectrum between the traditional research fields of physics, chemistry, biology, the neurosciences and computer sciences,« explains the chief executive of the FIAS, Prof Dirk Hermann Rischke.

For the FIAS, supporting top research in Hesse on an international level means, above all, creating instruments for new scientific progress by means of theoretical preliminary work and analysis. In 2010, FIAS researchers achieved noteworthy heights in two fields:

In cooperation with the Helmholtz International Centre for FAIR (HIC for FAIR), the Hessian universities of Frankfurt (Goethe University), Gießen and Darmstadt were closely integrated into preparations for the new international FAIR accelerator centre. FAIR is one of the biggest, most exciting basic research projects in the field of physics worldwide; as part of the project, a unique international research centre is being established at the GSI (Helmholtz Centre for Heavy Ion Research) in Darmstadt, comparable with CERN in Geneva.

At the Goethe University Center for Scientific Computing (CSC), one of the most energy-efficient supercomputers in Europe is being put into operation: the LOEWE-CSC. Modern research requires faster and faster computers – thanks to work at the FIAS, the algorithms required for the computer's specialised technology were developed within just a few months (for more, see p. 13).

The FIAS researchers' aim is to understand the complex laws of nature, to use them to develop computer models and to use these models to achieve new findings and pose new questions. Prof Rischke spoke on behalf of the board: »It is precisely the borderlines between different disciplines which hold exciting prospects, such as ion therapy for cancer, developed in cooperation with physicists and the life sciences. This type of research work can only be a success if there is close cooperation between the fields of physics, chemistry, biology, computer science and the life sciences.«



The fathers of the »green« supercomputer:
Prof Hans-Jürgen Lüdde (left) and Prof Volker Lindenstruth

SUPERCOMPUTER WITH A GREEN CONSCIENCE

The LOEWE-CSC supercomputer has made Frankfurt one of the most powerful scientific computing centres in the world. On 23 November 2010, the computer was officially launched at Höchst industrial park. It is mainly to be used for simulations, data assessment and other computing tasks at the future FAIR accelerator centre, at the GSI Helmholtz Centre in Darmstadt, and for a wide variety of scientific work on brain research undertaken by FIAS and Goethe University. Other tasks include calculations on how climate change affects biodiversity, and in the field of macromolecular chemistry. The computer was designed by the Frankfurt computer scientist Prof Volker Lindenstruth, who has taught at Goethe University since 2009 and is also

a LOEWE professor at the Frankfurt Institute for Advanced Studies (FIAS) and at the Helmholtz International Centre for FAIR (HIC for FAIR), along with the head of the Goethe University Center for Scientific Computing (CSC), Prof Hans Jürgen Lüdde.

The world GREEN500 rankings put the LOEWE-CSC among the greatest computers in Europe with the best energy balance: with a one-watt input, it can perform 740 million operations per second (megaflops). While the computing power of each processor is about a quarter higher than the processors previously used in supercomputers, altogether the LOEWE-CSC uses just a quarter of the energy required by comparably fast mainframes.

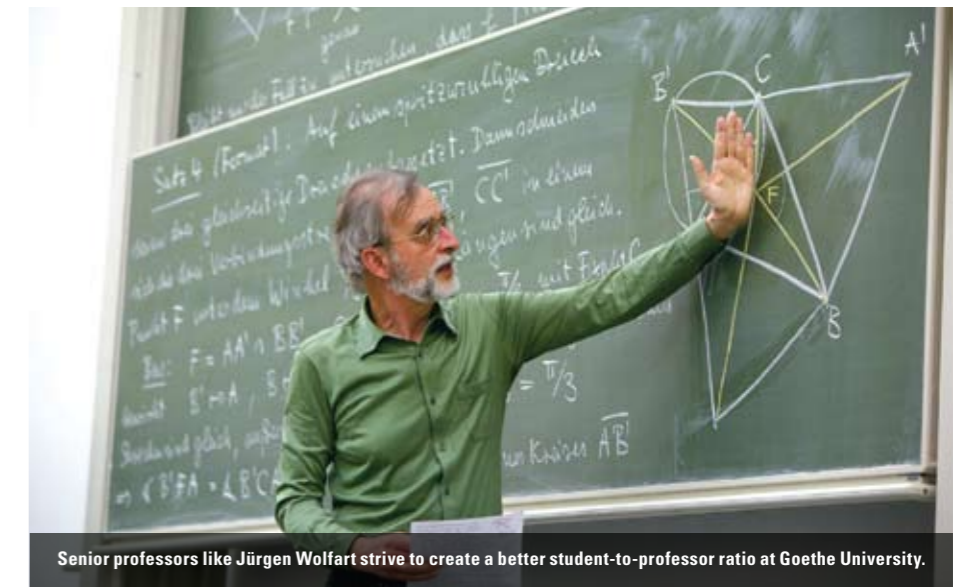


STUDYING AND TEACHING



2010 was a particularly eventful year for teaching at Goethe University, not least due to the »Bologna workshops«. These were called into being in the winter of 2009/2010 during the student protests, which were mainly against the Bologna reforms. At the suggestion of the university management, students, teaching staff and Goethe University employees came together in this forum to discuss the problems on the Bachelor's and Master's courses and develop possible solutions together. The students' complaints about the Bachelor's and Master's programmes were taken up in an open discussion. The vice-president in charge of teaching, Prof Manfred Schubert-Zsilavecz, often agreed with the students' viewpoint, for example when it came to the heavy examination workload, the call for greater freedom on courses or new regulations for the transition from Bachelor's to Master's degrees. »In the past, we did not make the most of every opportunity regarding course design. For example, it does no-one any harm to complete a Bachelor's degree in eight semesters instead of six, if that is their wish«, the vice-president summed up. At the Bologna workshops, joint proposals for improvement were thus developed, and then passed as recommendations for each faculty. The Bologna workshops are to be continued as a permanent institution for all groups involved in teaching to discuss current topics of interest.

Since 2010, a one-day **Dean of Students' Office symposium** has also been held once a semester. This is attended by the Deans of Students' Office and by faculty staff responsible for organising teaching,



Senior professors like Jürgen Wolfart strive to create a better student-to-professor ratio at Goethe University.

along with staff from the central university facilities. The event provides plenty of time for regular, detailed discussion on teaching-related topics such as student marketing, quality assurance or internationalisation, examining matters in a wider context. Current issues and topics in the field of studying and teaching also come up at regular meetings with the **Deans of Students' Office**.

BETTER STUDENT-TO-PROFESSOR RATIO THANKS TO SENIOR PROFESSORSHIPS

In 2010, Goethe University introduced senior professorships as a way of improving student-to-professor ratios. The basic idea is to attract professors who would like to do their bit for Goethe University beyond the age of 65 by taking on teaching work. By the end of 2010, five senior professorship positions had already been filled. The programme is financed from funding provided by the Hesse state government

aimed at improving the quality of studying conditions and of teaching.

MORE STUDENTS, NEW PROGRAMMES

Hesse recently changed the minimum time required to gain the German higher education qualification certificate from 13 to 12 years, meaning that in a few years' time, two sets of schoolchildren will be graduating at once. This will not affect the university for a few years, but the **number of students** is already rising noticeably. Eight per cent more students than last year enrolled this year, with 39,000 altogether. The number of first-year students (starting their first semester in their subject in summer 2010 and winter 2010/11) rose 13.9 per cent to 11,500.

TWO NEW PROGRAMMES HIT THE HEADLINES

Art for practical purposes: Goethe University and Frankfurt's Städelschule art college are jointly offering the new Master's course in »Curatorial Studies«. Over two years, students prepare to work as museum curators, exhibition producers or art critics. Even as they study, they can combine theory and specialised knowledge with issues and practical information relevant to curators and art critics. To achieve this, the two institutes of higher education are cooperating with several Frankfurt art institutions: the Städel Museum (art from the 14th century to today), the Liebieghaus (sculptures from 5,000 years of history), the MMK Museum of Modern Art, the Historical Museum, the Museum of World Cultures and the Portikus (an exhibition hall for contemporary art). Thanks to the close contact with the museums involved, students are drawn into discussions about the design and implementation of exhibitions and how to present collections. The annual intake of just 12 to 15 students guarantees a very special student-to-professor ratio.

In the 2010/2011 winter semester, Germany's first course in »Islamic Studies« began in Frankfurt. The Bachelor's course is in high demand from students, with over 100 enrolments. The programme is seen as a discipline related to Islam, combining theology with general aspects from the humanities, cultural studies and social sciences. It involves courses in Arabic, Ottoman and Persian as well as interreligious modules, lectures with a historical focus and courses on Islamic law and reading the Qur'an. Vice-president Prof Matthias Lutz-Bachmann believes that a centre for Islamic Studies can play an important part in improving the understanding of Islam in a central European context, while simultaneously helping pose new questions of Islam in the context of an enlightened academic tradition. The introduction of the new course was also one reason why Goethe University received joint funding for a »Centre for Islamic Studies« along with the University of Gießen in February 2011. This means that Hesse's largest university will be receiving roughly four million euros more over the next few years. The main purpose of this funding is to improve research and teaching skills in this field considerably.

ACCOLADES FOR TEACHING TRIUMPHS

While research remained in the foreground at German institutes of higher education for many years, today teaching is fast catching up. The quality of teaching is gaining greater significance as an indicator of a university's attraction.

At the conferral of the **Hessian University Award for Excellent Teaching**, two members of Goethe University were among the winners. The Hesse Ministry of Higher Education, Research and the Arts and the non-profit Hertie Foundation have been presenting this award since 2007 for outstanding and innovative higher education teaching. The **first prize** (€150,000) went to Prof Frank Koch and Pankaj Singh of the Faculty of Medicine, with their DAMA project on the diagnosis of the ocular fundus and ocular microsurgery. The pair developed a virtual reality training system used to teach prospective ophthalmologists. This diagnosis simulator can be used to practise ophthalmoscopy and diagnose and treat various symptoms. This allows students to carry out surgical procedures on the virtual eye and hone their skills in their craft at no cost to patients.

The **students' award** (€15,000) went to the tutors Jan Uphoff, Marius Schmidt, Sarah Ottersbach and Harald Meixner of the Faculty of Physics for their e-learning video project »Podcast-Wiki-Physik«. Their videos and online archive of specialist articles help students during home study. The tutor group produced podcasts on physics experiments, complex subjects and difficult topics to complement the lectures as well as on various fields of research at the faculty.

One means of boosting awareness of teaching at Goethe University is the annual awarding of the **1822 Foundation and University Award for Excellent Teaching**. Students play a key role in this thanks to their right to propose candidates for the award. In 2010, the award went to:

- Dr Guido Woldering, Faculty of Linguistics, Cultural and Civilisation Studies, Art Studies (1st prize: €15,000),
- Matthias Häbich, Faculty of Computer Science and Mathematics (2nd prize: €10,000)
- Prof Knut Wenzel, Faculty of Catholic Theology (3rd prize: €5,000)

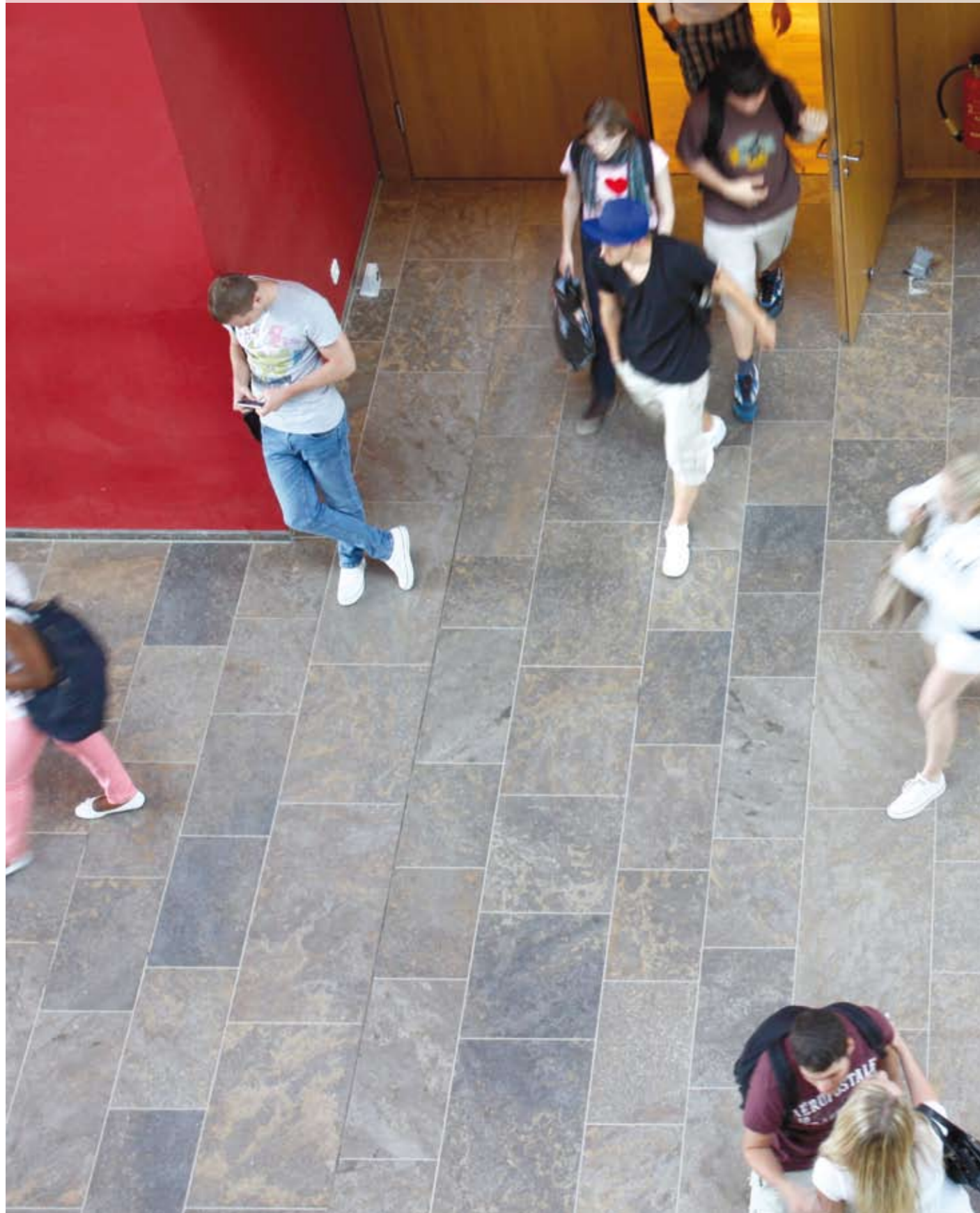


Matthias Häbich (left) from the Institute of Mathematics has a knack of ably teaching students even difficult mathematic content. Because of this, one of his awards included second prize for excellent teaching. He was congratulated by (from left) university president Prof Werner Müller-Esterl, vice president Prof Manfred Schubert-Zsilavec and city councillor Prof Felix Semmelroth.



A man, lost in thought, hugging his knees. »Body of Knowledge«, by the Spanish artist Jaume Plensa, is made up of twisted letters from eight alphabets welded together and is meant to represent humanity's collective knowledge. Plensa is fascinated by writing systems and the way individual letters can create a whole world. This, too, is reflected in his »Body of Knowledge«, donated to Goethe University by honorary senator Johanna Quandt. Since the 1980's, Plensa has made a name for himself internationally, above all with his oversized sculptures, winning numerous awards. One famous work is the »Crown Fountain« in Chicago's Millennium Park. Since December 2010, his new sculpture »Body of Knowledge« has been turning heads at the Westend campus square. At the unveiling ceremony, Plensa described the relationship between his work of art and its location: »Our body houses our minds. The university is an extension of our body. A place where people and ideas, tradition and the future come together to converse and weave the web of human knowledge.«

UNIVERSITY IN PROGRESS



GOETHE UNIVERSITY KEEPS ON BUILDING STONE BY STONE

In 2010, the construction cranes once again swung away tirelessly at the Westend, Riedberg and Niederrad sites, progressing in leaps and bounds with the construction and extension of Hesse's largest university. At the Riedberg campus for the natural sciences in north-west Frankfurt, and at Westend, probably Germany's most beautiful campus, near the city centre, major construction projects were continued with an investment of well over €300 million.

RIEDBERG CAMPUS

At the end of 2010, three major construction projects at Riedberg were nearing completion:

- A new institute complex has been built for the Biological Sciences. This unites labs and offices, lecture theatres, an animal laboratory, a cafeteria and rooms for seminars and courses. A hothouse unit with extensive propagation space will round off the institute's facilities.
- The Otto-Stern-Zentrum will become the new gateway to the Riedberg campus. With a lecture theatre section, departmental library and cafeteria with outdoor seating, it will provide an infrastructure for the entire site. At the same time, work is in full swing at the new campus square.
- In future, the research building for the »Macromolecular Complexes« Cluster of Excellence will provide workspaces for up to 100 scientists.



On the Riedberg campus, as elsewhere, balancing family life with studying or a career plays an important role. In 2009, a provisory day-care centre was opened; now the State of Hesse has granted its fundamental approval for a large day-care centre planned along with the Max Planck Society. This will create 135 child-care places. Discussions are also being held with the State of Hesse about approval of the planning competition for the new chemistry building. This is to be constructed in two phases, with work due to start in 2013.

State-of-the-art research facilities can be found on the Natural Sciences Riedberg campus: one of them being the Biologicum.



In the last few years, the Goethe University hospital has undergone a considerable transformation.

WESTEND CAMPUS

On the Westend campus, the topping-out ceremony was held on 25 November 2010 for the new institute building for Social Sciences, Educational Sciences, Psychology and Human Geography, including a joint departmental library. This is part of the second stage of construction. Meanwhile, work is continuing on the office section for the central administration department, with the addition of the university computer centre headquarters. An underground car park is to be built beneath the two buildings. Altogether, construction is taking place on more than 70,000 m² of gross external area, with total costs coming to roughly €170 million. In summer 2012, the new buildings are to be inaugurated.

Nearby, the Max Planck Society is constructing its new institute building for European Legal History. Work is due to start in the first quarter of 2011.

As on the Bockenheimer campus – where Goethe University was founded – Westend will include a student union building, to be completed by 2013.

The day-care centre on the Westend campus currently houses 48 children. Plans for extending the campus include extending this centre within a short time. After this extension, which has already been approved by the state, twice the number of places will be available.

An additional hall of residence with 200

residential units is also to be built by the Studentenwerk (student affairs association). In 2008, a hall of residence for 425 students was already built on the Westend campus by the Protestant and Catholic churches.

UNIVERSITY HOSPITAL: IMPROVED USE THANKS TO CENTRALISATION

In just the last few years, the Goethe University hospital has undergone a considerable transformation. Old buildings have been demolished or renovated as part of restructuring work; new ones are being built. By restructuring its buildings, the hospital aims to improve its work processes. For example, it hopes to avoid time wasted by long distances between the different treatment centres.

In 2010, the restoration of the central ward block made good progress. Both sections of Building 23 are being given a self-cleaning silver facade. New soundproofed windows will make patients' rooms quieter and regulate the temperature perfectly. At the same time, restoration and renovation has progressed on the lower floors of the building. Work is due to be completed in spring 2013. Over the next few years, the second stage of construction is to follow at Building 23 (costs: roughly €200 million). Among other things, it is to house the Ophthalmology

Centre, the Otolaryngology Centre, the Centre for Neurology and Neurosurgery and the Institute of Neuroradiology. The hospital pharmacy is located in the basement. The number of intensive and intermediate care beds will also be considerably increased and the central operating unit will gain another eight theatres.

In June 2010, the foundation stone was also laid for the European Cardiovascular Science Center (ECSCF) research building. From autumn 2012, scientists in this building, which houses the »Cardio-Pulmonary System« Cluster of Excellence, will be investigating the development and progress of cardiovascular diseases, one aim being to turn the latest findings into innovative strategies and processes for diagnosis and treatment.

»HOUSE OF PEACE« OPENS PLAYING A PART IN INTEGRATION

A place for shared silence, meditation or prayer: on 5 October 2010, the »House of Peace« was officially opened on the Westend campus. The building, right by the hall of residence run by the Protestant and Catholic churches, is designed as a place of retreat at Goethe University, where people of every religion and culture can come together.

The Intercultural Centre on the Westend campus is the only building of its kind at any German university, setting an excellent example. The design by the architect Ludwig Karl (Karl + Probst, Munich) deliberately eschews any images or figures representing individual religions. Muslim believers can roll out their prayer mats on the ground and store them in a cabinet. Apart from that, there is only a gallery, some chairs and stools and a few golden design elements on the wall. The room is open to all university members during the week from 9 a.m. to 6 p.m. In the evenings and at the weekends, it will be a venue for yoga, the Christian meditation group, the ecumenical prayer meeting and fortnightly Sunday services.





Goethe University has been certified as a family-friendly university.

NEW DEVELOPMENTS FOR THE UNIVERSITY ADMINISTRATION

THE NEW HIGHER EDUCATION PACT

Along with the increased freedom it gained on becoming a privately funded university, Goethe University also took on increased responsibility. With this in mind, in the third year of its autonomy, it has further improved its facilities for administration and quality management. In 2010, there have been some important changes of direction in the field of studying and teaching, thanks in part to the new office of »Teaching and Quality Assurance«. In the field of research, Goethe University achieved a very good position in the rankings and had continued success on the Hessian LOEWE excellence programme. At the same time, the new 2011–2015 higher education pact (Hochschulpakt), an organisational agreement between the federal republic/states and universities, poses new challenges for the future development of Goethe University.

University president Prof Werner Müller-Esterl and his counterpart at TU Darmstadt, Hans Jürgen Prömel, long argued against and opposed the new pact (for 2011–2015). However, as the Hessian institutes of higher education were unable to present a united front, a failure to sign the pact would have meant Goethe University losing all certainty when it came to planning, especially as it would have had to re-negotiate its budget with the Hessian state government every year. For this reason, Hesse's largest university also ended up signing the pact in line with the recommendation proposed by the senate on 17 May 2010. By 2015, the pact plans to cut the budget for Hessian institutes of higher education by € 30 million, while research work will also receive less funding in future. Goethe University is the most heavily affected by these changes: it will be forced to take cuts of a good € 10 million a year. At the same time, Hessian universities are having to take on a far higher number of students to avoid further financial losses.

COOPERATIVE INTERNATIONALISATION

The university and its location profit greatly from one another. Goethe University makes the most of this in its internationalisation strategy, working purposefully with the City of Frankfurt and the State of Hesse to promote the university's strengths and potential for development by means of international cooperation. »We are creating a network of partnerships with excellent institutes of higher education in major cities of North America, Asia and Africa, building on our proven regional scientific skills while making the most of cooperation between the City of Frankfurt and the State



In October 2010, president Prof Werner Müller-Esterl and his foreign counterpart Prof Kiyokazu Washida sealed the academic partnership between Goethe University and Osaka University. Prof Saskia Sassen held the keynote speech in Frankfurt's town hall, The Römer.

of Hesse – and our involvement is strengthening that partnership,« says Prof Rainer Klump, Vice-President of International Affairs. Thus Goethe University has joined up with the University of Toronto, Prague's Charles University, Tel Aviv University, the University of Wisconsin-Madison and the University of Osaka – these key partners are top universities in Frankfurt's twin cities or Hesse's twin regions. In August and September 2010, extensive partnership agreements were signed with Toronto and Osaka in this context. Goethe University is also using new formats to develop these partnerships; for example, in October 2010 an international conference on »The University and the City« was held at the Westend campus in cooperation with the University of Toronto. »This conference was specially designed to boost our relationship with Toronto,« explained Dr Martin Bickl, head of the Goethe University International Office. »It is one result of our tactic of maintaining fewer, but closer partnerships with other institutes of higher education in future«. At the conference there was thus intensive discussion between the University of Toronto and Goethe University, extending from university management to town planning issues, migration research and development of the city and region. »The universities learned a great deal from one another in this process,« said Vice-President Klump, »and intend to keep up the dialogue at this level«.

CITIZENS' UNIVERSITY



Celebrating together: Goethe University's summer party was held on the Riedberg campus in 2010.

Goethe University sees itself as a citizens' university: founded by citizens of Frankfurt in 1914, it has close connections to the city through its origins alone. The university regularly invites people from the city and region to take part in intramural events. There are now activities suitable for all age ranges: in 2010 Frankfurt's Kinderuni (children's university) delighted 13,500 young learners with a week of 15 lectures; older schoolchildren can take part in experiments at the school labs and on special holiday courses, and during the winter semester over 3,000 visitors attended the U3L (University of the Third Age) courses for older learners. Since 2009, the university has even been running special

»citizens' lectures«. In fact, the university broke all records in the 2010/2011 winter semester when it invited guests to a series of eight events on the topic of justice, held in cooperation with the Cluster of Excellence on »Formation of Normative Orders« and the »Frankfurter Rundschau« newspaper. On average, 150 people wanted to attend the experts' lectures every evening and take part in discussions with them. From 31 October 2010, the casino hall on the Westend campus was also regularly transformed into a concert hall. The new »Skyline Symphony« chamber orchestra provides a forum for international artists and is aimed, above all, at an audience of students. It is made up of the best students at the

Frankfurt University of Music and Performing Arts (HfMDK) playing with top-class experienced musicians. The Skyline Symphony succeeded in attracting Michael Sanderling as its artistic director: he is considered one of the most interesting conductors of his generation. The concerts complement the performances by the traditional **Frankfurter Universitätsmusik** ensemble with its choir and orchestra of academics, who regularly play at end-of-semester concerts in the magnificent Bockenheimer campus assembly hall, directed by Dr Helmut Bartel. There are now more than 70 choir members and 60 instrumentalists: students, Goethe University members, their families and alumni.

TIMELINE QUICK OVERVIEW OF 2010

19 JANUARY | TRIBUTES

The biochemist Prof Ivan Dikic is awarded an Advanced Investigator Grant in the second round of European Research Council (ERC) calls for proposals. This grant of €2.5 million allows Dikic to go ahead with his planned programme of research into cancer and inflammation.

20 JANUARY | RESEARCH

Goethe University and the GSI (Helmholtz Centre for Heavy Ion Research) sign a co-operation agreement for the planned FAIR accelerator facility.

12 MARCH | PRIVATELY FUNDED UNIVERSITY

Goethe University has its own new collective bargaining agreement promising uniform wage regulations and more flexible working hours.

17 MARCH | PRIVATELY FUNDED UNIVERSITY

Goethe University reports that its 2009 external funding results are up 14 per cent on the previous year. This means that of its overall budget of €317 million, more than 40 per cent is external funding.

19 APRIL | PERSONNEL

Prof Stefan Zeuzem, who has been director of the Goethe University hospital's Medical Department I since 2007, and four other professors of medicine, are appointed to the Scientific Commission of the German Council of Science and Humanities.

17 MAY | UNIVERSITY POLICY

Despite serious misgivings regarding the cuts proposed by the Hessian government, in view of the threatened consequences, university president Prof Müller-Esterl signs the higher education pact (Hochschulpakt) with the senate's approval.

27 MAY | PERSONNEL

Frankfurt Zoo director Prof Manfred Niekisch is appointed adjunct professor by Goethe University. He will be representing the field of »International nature conservation«.

13 JUNE | TRIBUTES

The »1822 Foundation and University Award for Excellent Teaching« goes to Dr Guido Woldering, Mathias Häbich and Prof Knut Wenzel.

18 JUNE | CITIZENS' UNIVERSITY ❶

The »Night of Science« and the Goethe University summer festival delight students, staff and local people at the Riedberg campus.

28 JUNE | TRIBUTES

Professor of Mathematics Martin Möller is awarded a Starting Independent Researcher Grant in the third round of European Research Council (ERC) calls for proposals.

8 JULY | TRIBUTES

At the Academic Festival for friends and supporters of Goethe University, Prof Wilhelm Bender (head of the Friends association) and President Prof Werner Müller-Esterl present a range of awards for outstanding Diplom and Magister papers and dissertations.

17 JULY | EVENTS

Goethe University holds its first alumni summer ball on the Westend campus for former GU students and friends of the university.

10 SEPTEMBER | RANKINGS

A whole four faculties and academic fields from Goethe University feature in the Shanghai rankings' world top 100. Altogether, Goethe University assumes a leading position, ranking among the world's best 150 universities, counting among the best ten in Germany and the best 50 in Europe.

13 SEPTEMBER | EVENTS / CITIZENS' UNIVERSITY ❷

The 8th Frankfurt Children's University is launched. Three lectures a day studying topics from current Years of Science: the International Year of Biodiversity and the future of energy.

22 SEPTEMBER | STUDYING AND TEACHING

Go-ahead from the university senate to put into practice recommendations from the Bologna workshops.

5 OCTOBER | CAMPUS MODERNISATION

Opening of the »House of Peace« intercultural centre on the Westend campus.

29 OCTOBER | RANKINGS

New rankings from the Centre for Higher Education (CHE) put Goethe University's departments of Biology and Physics in the European »Excellence« group.

1 NOVEMBER | PRIVATELY FUNDED UNIVERSITY

The internationally renowned social philosopher Prof Oskar Negt makes a living bequest of his academic estate to the Frankfurt Archive Centre.

22 NOVEMBER | RESEARCH INFRASTRUCTURE

The LOEWE-CSC supercomputer starts up at the Höchst industrial park.

24 NOVEMBER | UNIVERSITY POLICY

The International Center for Insurance Regulation (ICIR), a globally unique academic centre, takes up its work at Goethe University.

25 NOVEMBER | TRIBUTES

Prof Nicola Fuchs-Schündeln, an economist at Goethe University and a member of the »Normative Orders« Cluster of Excellence, receives an ERC Starting Grant.

1 DECEMBER | RESEARCH FUNDING / EXCELLENCE

State minister Eva Kühne-Hörmann presents Goethe University with approval letters and certificates for three new LOEWE projects: in the next three years the Center for Cell and Gene Therapy and the two priority programmes »Neuronal Coordination Research Focus Frankfurt« and »Digital Humanities« will receive a total of €24.3 million in funding from the state of Hesse.

10 DECEMBER | STUDYING AND TEACHING

The Donors' Association and Nixdorf Foundation put forward a total of €400,000 in funding for the Goethe University's »City air sets you free« application. The money is to go into creative teaching methods in the arts and humanities.

13 DECEMBER | STUDYING AND TEACHING

Hessian University Award for Excellent Teaching presented: the Goethe University's Prof Frank Koch and Pankaj Singh receive first prize, worth €150,000. The Tutors' Award (€15,000) goes to a group of students for their »Podcast-Wiki-Physik« project.

16 DECEMBER | TRIBUTES

Three student production teams accept their awards having won the »goethetube«, a student video competition, during the 5th eLearning Network day.

16 DECEMBER | PRIVATELY FUNDED UNIVERSITY ❸

The outsized sculpture »Body of Knowledge« by the Spanish artist Jaume Plensa is inaugurated at a ceremony on the Westend campus. It is donated by honorary senator Johanna Quandt.



COLLABORATIVE RESEARCH CENTRES, DFG RESEARCH UNITS AND DFG PRIORITY PROGRAMMES, RESEARCH TRAINING GROUPS IN 2010

COLLABORATIVE RESEARCH CENTRES IN 2010

CRC 815: Redox Regulation: Generator Systems and Functional Consequences

Speaker: Prof Bernhard Brüne,
Institute of Biochemistry I, Faculty 16

CRC/Transregio 23: Vascular Differentiation and Remodelling

Coordinated by: Prof Karl-Heinz Plate
Edinger Institute, Neurological Institute,
Faculty 16

CRC/Transregio 49: Condensed Matter Systems with Variable Many-Body Interactions

Speaker: Prof Michael Lang
Institute of Physics, Faculty 13

CRC 807: Transport and Communication across Biological Membranes

Speaker: Prof Robert Tampé,
Institute of Biochemistry, Faculty 14

CRC 834 Endothelial Signalling and Vascular Repair

Speaker: Prof Ingrid Fleming,
Institute for Vascular Signalling, Faculty 16

RESEARCH UNITS IN 2010

Hospital research unit 129: Mechanisms for the Development of Resistance and Optimisation of Antiviral Strategies of Hepatitis C Virus Including Integrative Biomathematical and Bioinformatical Models

Speaker: Prof Stefan Zeuzem
Medical Department I (Gastroenterology,
Pneumology/Allergology), Faculty 16

Research unit 703: Rift Dynamics, Uplift and Climate Change in Equatorial Africa. Interdisciplinary Research Linking Asthenosphere, Lithosphere, Biosphere and Atmosphere

Speaker: Prof Georg Rumpker
Geophysics Section, Centre for
Interdisciplinary Research on Africa,
Faculty 11

Research unit 784: Signalling with fatty acid metabolites and sphingolipids

Speaker: Prof Josef M. Pfeilschifter,
Institute for General Pharmaceutics and
Toxicology, Faculty 16

Research unit 1206: Justitia Amplificata: Rethinking Justice – Applied and Global

Speaker: Prof Stefan Gosepath
»Formation of Normative Orders« Cluster of
Excellence, Faculty 3

PRIORITY PROGRAMMES IN 2010

DFG priority programme 1236: Structures and properties of crystals at extremely high pressures and temperatures

Coordinator: Prof Björn Winkler,
Mineralogy Section, Faculty 11

DFG priority programme 1293: Competence models to record individual learning outcomes and summarise learning processes

Coordinator: Prof Eckhard Klieme,
Institute for General Educational Science
(WE I), Faculty 4

DFG priority programme 1294: Atmospheric and Earth system research with the »High Altitude and Long Range Research Aircraft« (HALO)

Coordinator: Prof Joachim Curtius,
Institute for Atmospheric and Environmental
Sciences, Faculty 11

RESEARCH TRAINING GROUPS IN 2010

Business Finance and Monetary Economics (Faculty 2)

Speaker: Prof Christian Schlag
Institute of Business Management

Sentence Types: Variation and Interpretation (Faculties 9, 10)

Speaker: Prof Jost Gippert
Institute of German Language and
Literature II

International research training group: Roles of eicosanoids in biology and medicine (Faculties 14, 15)

Speaker: Prof Dieter Steinhilber
Institute of Pharmaceutical Chemistry

International research training group: Political Communication from the Ancient World to the Twentieth Century (Faculty 8)

Speaker: Prof Luise Schorn-Schütte
Historical Seminar; Università degli Studi
di Trento (Italy), Alma Mater Studiorum
– Università di Bologna (Italy), Leopold-
Franzens-Universität Innsbruck (Austria); the
Università degli Studi di Pavia (Italy) is also
associated

Research, Development and Safety of Biologicals (Faculties 16/14/Georg Speyer House)

Speaker: Prof Josef M. Pfeilschifter,
Institute for General Pharmaceutics and
Toxicology

INTERNATIONAL MAX PLANCK RESEARCH SCHOOLS

Comparative Legal History

Speakers: Prof Albrecht Cordes, Prof Michael
Stolleis,
Goethe University, Institute of Legal History,
Faculty 1; MPI for European Legal History
(Frankfurt)

Structure and Function of Biological Membranes

Speakers: Prof Werner Kühlbrandt (MPI),
Prof Jürgen Bereiter-Hahn
(Goethe University),
MPI Biophysics (Frankfurt); Goethe
University, Brain Research, Faculty 15

Atmospheric Physics and Chemistry

Speakers: Prof Jos Lelieveld (Mainz), Prof
Ulrich Schmidt (Goethe University)
MPI of Meteorology and Geophysics (Mainz);
Goethe University, Faculty 11

Heart and Lung Research

Speaker: Prof Thomas Braun
MPI for Heart and Lung Research
(Bad Nauheim)

HELMHOLTZ RESEARCH SCHOOL

Quark Matter Studies in Heavy Ion Collisions

Coordinator: Prof Harald Appelshäuser
Institute of Nuclear Physics, Faculty 13

HELMHOLTZ GRADUATE SCHOOL

Hadron and Ion Research, at the GSI Helmholtz Centre for Heavy Ion Research in Darmstadt

Joint venture partners: Universities of
Darmstadt, Frankfurt, Gießen, Heidelberg
and Mainz
Speaker at Goethe University:
Prof Harald Appelshäuser
Institute of Nuclear Physics, Faculty 13

VOLKSWAGEN FOUNDATION DOCTORAL SCHOOL

Judgement and canonicity in a post-civil knowledge-based society

University lecturers involved: Prof Gerhard
Wild, Institute of Romance Languages and
Literatures, Faculty 10
Coordinator: Dr Matthias Beilein, Göttingen
University

INTERNATIONAL PHD PROGRAMMES (IPPS)

IPP on Religion in Dialogue

Project leader: Prof Wiedenhofer
Chair in Fundamental Theology, Faculty 7

IPP in Social Sciences

Project leader: Prof Tilla Siegel,
Sociology, focusing on industrial and
organisational sociology, Faculty 3

FOUNDATION PROFESSORSHIPS

FACULTY 1 (LAW)

Dresdner Bank Foundation Professorship in National and International Business Law / Law & Finance

Held by: Prof Andreas Cahn

DekaBank / Helaba Foundation Professorship in Banking Law / Law and Finance

Held by: Prof Theodor Baums

Monetary Stability Foundation Foundation Professorship in Monetary, Currency and Central Bank Law

Held by: Prof Helmut Siekmann

FACULTY 2 (ECONOMICS AND BUSINESS ADMINISTRATION)

Monetary Stability Foundation Foundation Professorship in Finance and Economics

Held by: Prof Roman Inderst

Monetary Stability Foundation Foundation Professorship in Economics, focusing on Monetary Economics

Held by: Prof Stefan Gerlach

E-Finance Lab e.V. Foundation Assistant Professorship in E-Finance & Services Science

Held by: Prof Roman Beck

E-Finance Lab e.V. Foundation Assistant Professorship in Business Administration, focusing on E-Finance and Electronic Markets

Held by: Prof Oliver Hinz

E-Finance Lab e.V. Foundation Assistant Professorship in Business Administration, focusing on E-Finance and Securities Trading

Held by: Prof Jan Muntermann

BVI Foundation Professorship in Business Administration, focusing on Investment, Portfolio Management and Retirement Schemes

Held by: Prof Raimond Maurer

T-Mobile Foundation Professorship in Business Administration, focusing on Mobile Business and Multilateral Security

Held by: Prof Kai Rannenber

3i Foundation Professorship in Private Equity

Held by: TBA

Strothoff Foundation Professorship in Trade Marketing

Held by: Prof Martin Natter

UBS Foundation Professorship in Finance

Held by: Prof Holger Kraft

UBS Foundation Professorship in Business Administration, focusing on Management

Held by: Prof Lars Schweizer

Messe Frankfurt Foundation Professorship in International Economic Policy

Held by: Prof Matthias Schündeln

Foundation Assistant Professorship in Business Administration, focusing on Financial Economies, esp. Financial Markets and Market Microstructure

Held by: TBA

Detlef Hübner Foundation Professorship in Business Administration, focusing on IT-Based Logistics

Held by: TBA

German Insurance Association (GDV) Foundation Professorship in Insurance

Held by: TBA

EUREX Assistant Professorship in Derivatives

Held by: TBA

FACULTY 4 (EDUCATIONAL SCIENCES)

BHF-Bank-Stiftung Foundation Professorship in Interdisciplinary Gerontology

Held by: Prof Frank Oswald

FACULTY 5 (PSYCHOLOGY AND SPORTS SCIENCES)

Rudolf Steinberg Foundation Professorship for Research into Childhood Teaching and Learning

Held by: TBA

FACULTY 9 (LINGUISTICS, CULTURAL AND CIVILISATION STUDIES, ART STUDIES)

Foundation Professorship in Islamic Religion, from the Diyanet (Office for Religious Affairs), Turkey

Held by: Prof Ömer Özsoy

FACULTY 10 (MODERN LANGUAGES)

Ramon Llull Foundation Professorship in Catalan Language and Culture

Held by: TBA

FACULTY 11 (GEOSCIENCES AND GEOGRAPHY)

Rhein-Main-Verkehrsverbund GmbH Foundation Professorship in Mobility Research

Held by: Prof Martin Lanzendorf

FACULTY 13 (PHYSICS)

Goethe-Leibniz-Oerlikon Associate Professorship for Terahertz Photonics

Held by: Prof Viktor Krozer

FACULTY 14 (BIOCHEMISTRY, CHEMISTRY AND PHARMACY)

City Solar AG Foundation Professorship in Inorganic and Analytical Chemistry

Held by: Prof Andreas Terfort

Degussa Foundation Professorship in Organic Synthesis

Held by: TBA

FACULTY 15 (BIOLOGICAL SCIENCES)

Merck KGaA Foundation Professorship in Biotechnology

Held by: Prof Helge Bode

Aventis Foundation Professorship in Chemical Biology

Held by: Prof Jens Wöhnert / Prof Beatrix Süß

Polytechnische Gesellschaft Frankfurt am Main Foundation Professorship in Apiology

Held by: Prof Bernd Grünewald

FACULTY 16 (MEDICAL SCIENCE)

Frankfurter Stiftung für krebskranke Kinder Foundation Professorship in Experimental Paediatric Oncology and Haematology

Held by: Prof Boris Fehse

Hertie Foundation Professorship in Neuro-Oncology

Held by: Prof Joachim Steinbach

Hospital zum heiligen Geist Foundation Professorship in Interdisciplinary Oncology

Held by: TBA

Kerckhoff Clinical Professorship

Held by: Prof Christian Hamm

Roche Pharma AG Foundation Professorship in Predictive Molecular Markers in Gastroenterological Oncology and Hepatology

Held by: Prof Jörg Trojan

German José Carreras Leukaemia Foundation Professorship in Molecular Therapy Research

FRANKFURT INSTITUTE FOR ADVANCED STUDIES (FIAS)

Johanna Quandt Foundation Professorship in Basic Life Sciences Research

Held by: Prof Jochen Triesch

DISTINGUISHED PROFESSORSHIPS

FACULTY 13 (PHYSICS)

Josef Buchmann Foundation Professorship in Physics

Judah Eisenberg Laureate Foundation Professorship in Physics

Gerald Kucera Family Laureate Foundation Professorship in Physics

Stefan Lyson Laureate Foundation Professorship in Physics

Rolf and Edith Sandvoss Laureate Chair

VISITING FOUNDATION PROFESSORSHIPS AND LECTURESHIPS

FACULTY 1 (LAW)

Commerzbank Visiting Foundation Professorship in Law and Finance

Deutsche Bank Foundation funding for visiting lecturers

Visiting Foundation Lectureship in International Banking Law

FACULTY 2 (ECONOMICS AND BUSINESS ADMINISTRATION)

Metzler Visiting Foundation Professorship in International Financial Management

Chaire Raymond Barre: Raymond Barre Visiting Foundation Professorship in French Economics and Economic Policy

FACULTY 3 (SOCIAL SCIENCES)

Alfred Grosser Visiting Professorship in Civil Society Research

FACULTY 6 (PROTESTANT THEOLOGY)

Visiting Professorship in Islamic Religion, from the Diyanet (Office for Religious Affairs)

FACULTY 7 (ROMAN CATHOLIC THEOLOGY)

Visiting professorship in Intercultural Theology

FACULTY 10 (MODERN LANGUAGES)

Richard Daub Foundation: Daub Readings on Freedom of the Press and of Speech

Visiting Foundation Lectureship in Poetics

FACULTIES 14 (BIOCHEMISTRY, CHEMISTRY AND PHARMACY) AND 16 (MEDICAL SCIENCE)

Friedrich Merz Visiting Foundation Professorship in Pharmaceuticals and Human Medicine

Aventis Foundation Rolf Sammet Visiting Foundation Professorship

ALTERNATING FACULTIES

Deutsche Bank AG Visiting Foundation Professorship in »Science and Society«

INTERDISCIPLINARY CENTRE FOR EAST ASIAN STUDIES (IZO)

Chinese Visiting Foundation Professorship

KNOWLEDGE, FACTS AND FIGURES



DEFINITIONS AND GENERAL NOTES

Students: Students include all matriculated people (»headcount«) whatever their branch of study, their qualification or their type of course.
The main subject of the first degree programme taken by each matriculated student counts.

Students on leave: Students who are matriculated at the university but do not provide or make use of any services.

Students in the first semester of their subject: All students studying their subject for their first semester, whatever other semesters they have studied at university.

German or international students with foreign qualifications: German and international students who have gained their university entrance qualification abroad or on a Studienkolleg preparatory course.

Teaching qualifications – The following teaching qualifications are covered:
Primary school (Grundschule)
Secondary school to Year 10 (Hauptschule, Realschule)
Secondary school to Year 12/13 (Gymnasium)
SEN (special educational needs) schools (Förderschule)
and corresponding extensions.

Note: The following lists exclude students with DSH German language test and university entrance exam

Overview:
Students incl. those on leave in 2010/11 winter semester: 38,836
Students excl. those on leave in 2010/11 winter semester: 38,239
of whom students not including trainee teachers: 32,554
of whom trainee teachers only: 5,685

STUDENTS

Distribution of students by faculty (2010/2011 winter semester)

Faculty	Total students*						Students on leave
	Total		Female		International students		
	non-TT	TT	non-TT	TT	non-TT	TT	
Law	3,880	-	2,169	-	430	-	61
Economics and Bus. Admin.	4,122	-	1,794	-	812	-	98
Social Sciences	2,790	261	1,450	118	409	5	80
Educational Sciences	2,223	548	1,866	408	277	9	41
Psychol. & Sports Sciences	1,552	307	898	104	121	4	22
Protestant Theology	457	110	279	76	53	1	4
Roman Catholic Theology	125	105	58	73	18	5	2
Philosophy & History	1,649	472	737	231	157	16	21
Ling., Cult. & Civ. Stud., Art	2,625	288	1,854	215	288	10	59
Modern Languages	2,906	1,908	2,243	1,453	517	133	125
Geosc. and Geography	1,377	162	625	92	121	10	10
Comp. Sc. & Mathematics	1,602	1,157	524	872	264	33	29
Physics	1,035	82	249	36	128	3	6
Biochem., Chem. & Pharm.	1,972	134	1,123	74	241	4	15
Biological Sciences	1,066	239	656	158	80	5	8
Medical Science	3,682	-	2,266	-	444	-	16
Total	33,063	5,773	18,791	3,910	4,360	238	597

* Students incl. those on leave
TT = Teacher Training

QUALIFICATIONS

Graduates from their first degree course at a professional level in 2010 academic year*

Faculties	2009				2010*			
	Total graduates		of whom TTs only**		Total graduates		of whom TTs only**	
	M	F	M	F	M	F	M	F
Law	93	125	-	-	115	132	-	-
Economics and Business Administration	439	357	-	-	424	306	-	-
Social Sciences	117	137	10	15	111	128	16	9
Educational Sciences	69	297	28	78	42	258	6	48
Psychology and Sports Sciences	96	134	34	25	99	142	25	28
Protestant Theology	6	24	3	14	5	25	4	18
Roman Catholic Theology	7	13	6	10	2	13	2	12
Philosophy and History	67	57	34	25	54	71	20	31
Linguistics, Cult. and Civ. Stud., Art Stud.	67	150	17	41	59	193	6	28
Modern Languages	96	504	43	305	119	455	60	270
Geosciences and Geography	35	38	6	9	46	60	10	19
Computer Science and Mathematics	96	76	27	58	76	76	18	49
Physics	34	14	3	2	31	11	5	4
Biochemistry, Chemistry, Pharmacy	71	131	6	5	79	141	1	6
Biological Sciences	64	102	10	29	89	120	9	22
Medical Science	138	204	-	-	142	241	-	-
Total	1,495	2,363	227	616	1,493	2,372	182	544
Percentage	39 %	61 %	6 %	16 %	39 %	61 %	5 %	14 %

* 2010 academic year = 2009/10 winter semester and 2010 summer semester

**TTs = trainee teachers

This covers graduates completing their first degree course at a professional level (Bachelor's, Magister, qualified teacher status, Diplom) however long they take. The type of course refers to the first degree.



Graduates achieving other qualifications at a professional level, in higher education or in continuing education

Faculties	2009 academic year				2010 academic year*			
	Total graduates		of whom TTs only**		Total graduates		of whom TTs only**	
	M	F	M	F	M	F	M	F
Law	19	22	-	-	21	31	-	-
Economics and Business Administration	-	1	-	-	1	-	-	-
Social sciences	2	2	2	1	1	4	-	1
Educational Sciences	2	-	2	-	1	5	-	-
Psychology and Sports Sciences	3	8	3	8	-	1	-	1
Protestant Theology	-	4	-	4	-	-	-	-
Roman Catholic Theology	-	4	-	4	-	1	-	1
Philosophy and History	5	7	5	7	6	2	6	2
Linguistics, Cult. and Civ. Stud., Art Stud.	2	5	2	3	2	5	-	2
Modern Languages	2	22	2	21	-	4	-	3
Geosciences and Geography	1	2	1	2	-	-	-	-
Computer Science and Mathematics	1	4	1	4	3	1	-	-
Physics	-	1	-	1	-	-	-	-
Biochemistry, Chemistry, Pharmacy	-	-	-	-	6	4	-	-
Biological Sciences	-	1	-	-	-	-	-	-
Medical Science	-	-	-	-	-	-	-	-
Total	37	83	18	55	41	58	6	10

* 2010 academic year = 2009/10 winter semester and 2010 summer semester

** TTs = trainee teachers"

This covers graduates achieving other qualifications at a professional level, in higher education or in continuing education (Bachelor's, Magister, qualified teacher status, Diplom, Master's) however long they take. The type of course refers to whether it is their second degree, a postgraduate degree, an extension course, an enhancement course, a refresher course, a continuing education course or a consecutive Master's.

Students repeating a course to improve their marks are **not included**
Doctorates are **not included**

Doctoral and professoral graduates in the 2006–2010* academic years

Faculties	2006		2007		2008		2009		2010*	
	Doctorates	Lect. q.	Doctorates	Lect. q.	Doctorates	Lect. q.	Doctorates	Lect. q.	Doctorates	Lect. q.
Law	71	5	77	7	73	1	64	1	56	3
Economics and Business Administration	49	6	31	4	44	0	33	2	38	2
Social sciences	19	4	11	2	25	2	18	3	25	0
Educational Sciences	14	0	15	1	16	1	9	0	15	1
Psychology and Sports Sciences	7	1	18	2	8	2	19	1	7	2
Protestant Theology	4	2	4	1	3	0	6	0	2	0
Roman Catholic Theology	4	0	11	0	6	0	8	0	5	0
Philosophy and History	23	2	13	2	22	4	26	5	20	4
Linguistics, Cult. and Civ. Stud., Art Stud.	28	1	27	5	18	3	18	5	18	4
Modern Languages	24	2	21	2	13	2	19	4	11	5
Geosciences and Geography	11	1	9	1	12	5	14	0	13	0
Computer Science and Mathematics	8	1	14	0	9	0	14	0	13	0
Physics	26	0	20	3	32	2	26	1	32	1
Biochemistry, Chemistry, Pharmacy	101	0	87	4	77	1	99	1	91	3
Biological Sciences	38	1	35	2	54	2	55	2	49	1
Medical Science	210	28	172	24	176	25	172	22	208	26
Total	637	54	565	60	588	50	600	47	603	52

* 2010 academic year = 2009/10 winter semester and 2010 summer semester

All doctoral graduates are included, however long they have taken
Doctorate qualification: Awarding of a Doctor title

STAFF

Staff positions at Goethe University (autumn 2010)

Faculties	Professorships				Academic staff			Tit. acad. staff	Admin. staff	Total positions
	W3	W2	W1	Ttl.	Temp. ac. cclrs	Ac. empl.	Ttl.			
Law	31	-	6	37	4	54.8	58.8	95.8	29	124.8
Economics and Business Administration	43	9	13	65	10	96.8	106.8	171.8	46.2	217.9
Social Sciences	26	7	5	38	1	45	46	84	21.2	104.7
Educational Sciences	18	6	3	27	0.5	31	31	58	15	73
Psychology and Sports Sciences	19	9	6	34	5	38	42.5	76.5	34.8	111.3
Protestant Theology	6	-	-	6	-	6	6	12	4	16
Roman Catholic Theology	8	-	-	8	1	4	5	13	3.5	16.5
Philosophy and History	20	4	5	29	5	18	23	52	15.7	67.2
Linguistics, Cult. and Civ. Stud., Art Stud.	23	9	10	42	2	41.2	43.2	85.2	26.3	111.5
Modern Languages	32	15	7	54	1	77	78	132	23.4	154.9
Geosciences and Geography	25	11	3	39	11	39	50	89	42.3	131.3
Computer Science and Mathematics	24	14	6	44	5	50	55	98	26.8	125
Physics	21	8	5	34	1	59.5	60.5	94.5	82.8	177.3
Biochemistry, Chemistry and Pharmacy	27	12	4	43	1	100.4	101.4	144.4	102.8	247.2
Biological Sciences	23	11	6	40	3	39	42	82	122.8	204.8
Medical Science	78	35	10	123	8	73.9	81.9	204.9	119	323.7
Central operating centres	-	-	-	-	-	0	0	0	430.2	430.2
Administration	-	-	-	-	-	-	-	-	406	406
Total	424	150	89	663	58.5	770.5	829	1,491.7	1,551.4	3,043.1

* Academic assistants are classed as W2/W1 positions until they leave

Appointments 2008–2010

Faculties	2008			2009			2010		
	Appts accepted	of whom women	% of women	Appts accepted	of whom women	% of women	Appts accepted	of whom women	% of women
Law	1	0	0%	3	0	0%	3	2	67%
Economics and Business Administration	8	3	38%	2	1	50%	7	0	0%
Social Sciences	3	1	33%	6	3	50%	3	1	33%
Educational Sciences	2	1	50%	3	2	67%	4	3	75%
Psychology and Sports Sciences	1	0	0%	7	4	57%	2	0	0%
Protestant Theology	0	0	0%	2	0	0%	1	1	100%
Roman Catholic Theology	0	0	0%	0	0	0%	0	0	0%
Philosophy and History	4	2	50%	0	0	0%	0	0	0%
Linguistics, Cult. and Civ. Studies, Art Studies	3	0	0%	3	2	67%	2	1	50%
Modern Languages	0	0	0%	3	2	67%	8	4	50%
Geosciences and Geography	4	1	25%	1	1	100%	2	0	0%
Computer Science and Mathematics	4	0	0%	5	1	20%	8	1	13%
Physics	2	0	0%	2	0	0%	7	0	0%
Biochemistry, Chemistry, Pharmacy	3	0	0%	1	0	0%	1	0	0%
Biological Sciences	1	0	0%	1	0	0%	8	3	38%
Medical Science	10	4	40%	10	3	30%	8	2	25%
Total	46	12	26%	49	19	39%	64	18	28%

The table shows appointments taken up in the year stated; these may have been accepted the year before (e.g. offer made in Dec. 2006, offer taken up in Jan. 2007)

UNIVERSITY BUDGET

Source and application of funds, 2010

Revenue	in Euro
Consumptive and Investment State Subsidy	306,327,450
QA Funding ¹	18,414,968
Innovation Fund	3,922,000
Hochschulpakt 2020	4,500,000
Total Revenue	333,164,418

Expenditure	in Euro
Material Costs ²	107,613,658
Staff Expenditure ²	201,581,482
QA Funds (material costs and staff exp.)	19,579,029
Interdepartmental Cost Allocation	1,133,053
Total Expenditure	329,907,222

¹ Fund to improve quality of degree course conditions and of teaching

² Incl. expenditure from the Innovation Fund and Hochschulpakt 2020 funding.

Faculties	Success parameters (SPs)										ACT SB 2009		Difference to 2009		Change between SB 2009 and SB 2010		SB 2010													
	Teaching		EF		Grad.		G/s ratio		PhD		PhD/g ratio		W1		Habil.		W2		W3		Total (SPs) 2010		€K		%		€K		%	
	€K	0.17	€K	517 €	€K	2,440 €	€K	2,440 €	€K	PhD	€K	PhD	€K	6	€K	5,916 €	€K	6	€K	5	€K	€K	€K	€K	€K	€K	€K	€K	€K	
1	191	180	217	9	180	6	6	26	5	806	847	-42	-4.9%	-21	-2.5%	827														
2	209	883	254	9	102	2	2	20	6	1,471	1,385	86	6.2%	43	3.1%	1,428														
3	134	187	138	7	46	3	6	16	11	557	638	-81	-12.8%	-41	-6.4%	598														
4	272	124	122	6	37	1	14	4	8	599	590	9	1.5%	4	0.7%	594														
5	134	258	110	9	27	1	14	10	11	574	569	5	0.9%	3	0.4%	572														
6	34	50	21	5	9	6	11	6	11	161	164	-3	-1.8%	-2	-0.9%	163														
7	13	50	15	9	17	11	2	0	11	131	114	17	15.4%	9	7.7%	122														
8	87	437	47	2	50	8	6	16	15	673	588	85	14.4%	42	7.2%	630														
9	105	586	96	8	57	5	14	18	11	909	923	-15	-1.6%	-7	-0.8%	916														
10	155	208	231	7	47	4	14	12	11	689	708	-19	-2.7%	-10	-1.4%	699														
11	87	912	26	1	26	7	6	14	3	1,102	848	254	30.0%	127	15.0%	975														
12	127	277	76	3	24	4	1	2	1	514	490	24	4.9%	12	2.5%	502														
13	111	1,036	19	1	63	10	4	10	3	1,262	1,075	187	17.4%	94	8.7%	1,168														
14	232	2,405	76	4	216	9	14	10	6	2,991	2,475	517	20.9%	258	10.4%	2,733														
15	143	1,038	75	4	103	9	9	10	6	1,422	1,190	233	19.6%	116	9.8%	1,306														
Total	2,036	8,588	1,523	85	1,003	85	123	172	123	13,860	12,604	1,256		628	5.0%	13,232														
	15%	82%	11%	1%	7%	1%	1%	1%	1%	100%*																				
16	801	5,977	271	8	322	11	22	141	2	7,555	7,057	498	7.0%	249	3.5%	7,306														

- Abbreviations
 PY Previous year
 Fac Faculties
 SP Success parameter
 TT Teacher training
 EF External funding
 Grad. Graduates
 PhD PhDs
 Habil. Lecturings quals
 W Women's advancement
 SB Success budget

* figure rounded up/down.

Explanation: The material resources of €13.2 million are distributed to Faculties 1 to 15 based on performance. The report for Faculty 16's material resource budget is for informational purposes. The success parameters are: external funding expenditure (EF), teaching load purs. to German Capital Resources Regulation - KapVo - (Teaching), graduates (Grad.), graduate/student ratio (G/s ratio), no. of PhDs (PhD), PhD/graduate ratio (PhD/g ratio), no. of lecturing qualifications (Habil.), female PhD/graduate ratio (W 1), female scientific associate/graduate ratio (W 2), female postdocs per faculty/total female postdocs (W3).

External funding for 2010 in euro (excluding LOEWE)

Faculties/Other Facilities	External Funding, 2010 ¹
Law	5,575,720
Economics and Business Administration	10,173,287
Social Sciences	2,996,496
Educational Sciences	2,419,522
Psychology and Sports Sciences	2,361,236
Protestant Theology	120,586
Roman Catholic Theology	216,348
Philosophy and History	1,757,488
Linguistics, Cult. and Civ. Stud., Art Stud.	3,232,288
Modern Languages	1,694,678
Geosciences and Geography	5,145,732
Computer Science and Mathematics	3,102,398
Physics	10,374,500
Biochemistry, Chemistry and Pharmacy	10,572,346
Biological Sciences	7,743,644
Medical Science	44,927,987
Faculties Total	112,414,255
Other Facilities ²	12,377,264
Overall Result	124,791,519

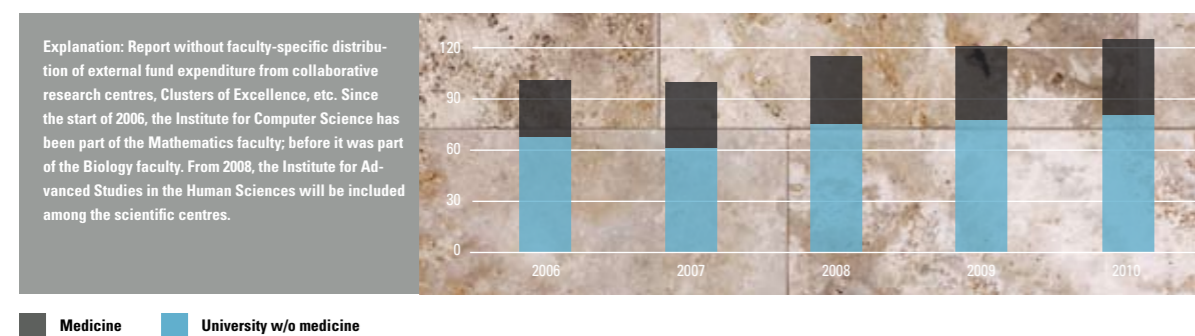
¹Without faculty-specific distribution of external funding from collaborative research centres, Clusters of Excellence, etc.

²Incl. programme allowances of €4.2 million



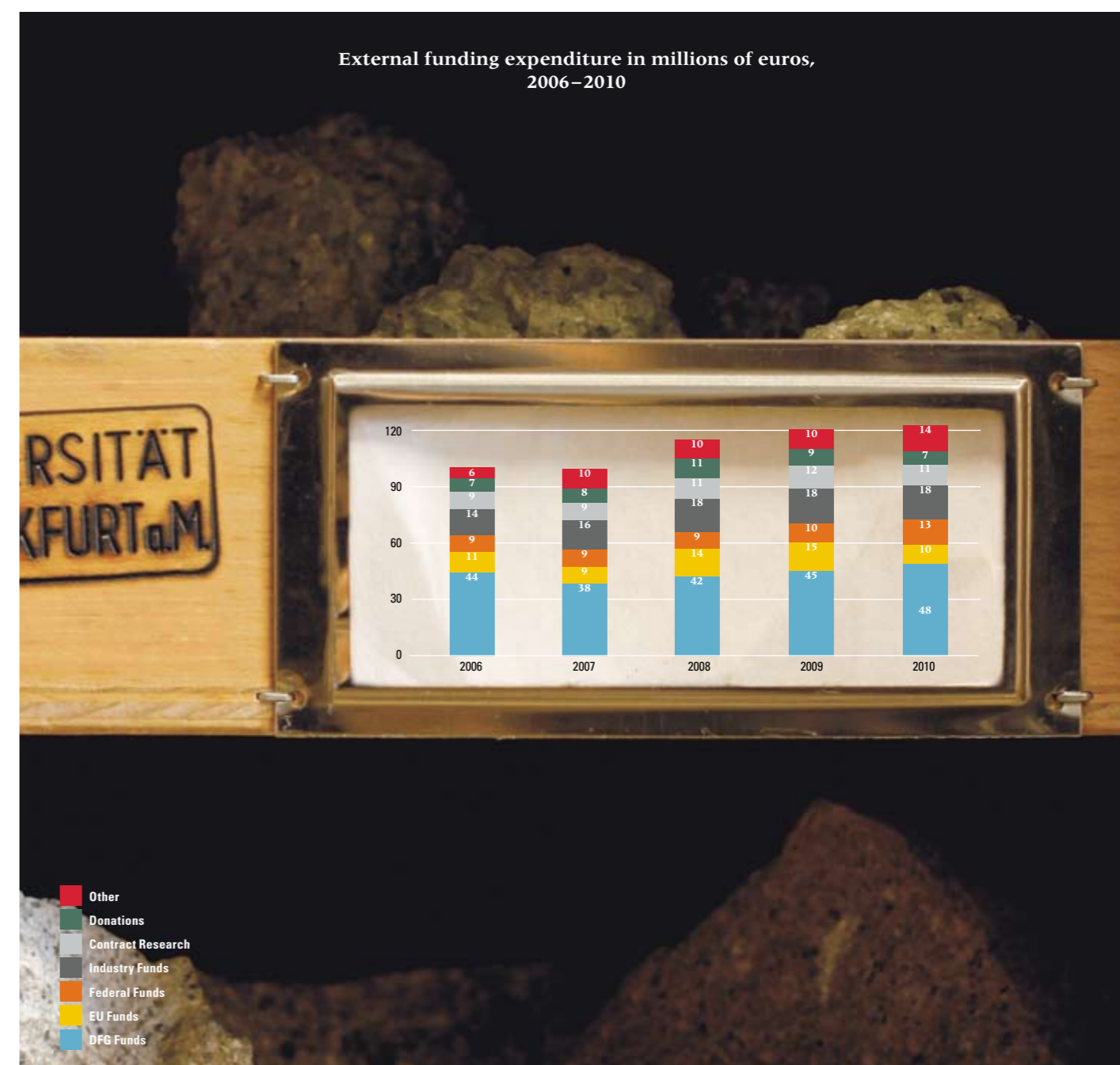
External funding expenditure in euros, 2006–2010

Faculties / other and scientific facilities	2006	2007	2008	2009	2010
01 Law incl. Institute for Law and Finance	1,415,274	1,857,997	3,160,843	6,537,790	8,860,185
02 Economics and Business Administration	4,765,208	4,498,173	5,723,605	6,255,497	7,550,844
03 Social Sciences	920,562	710,701	930,785	1,402,442	2,927,705
04 Educational Sciences	747,855	634,565	543,477	905,736	1,467,823
05 Psychology and Sports Sciences	1,425,513	1,429,646	1,587,869	1,971,020	2,379,858
06 Protestant Theology	237,732	286,669	313,419	428,585	179,528
07 Roman Catholic Theology	222,448	194,337	257,797	209,969	226,328
08 Philosophy and History	1,804,864	2,684,331	2,412,211	2,481,706	2,387,251
09 Linguistics, Cultural and Civilisation Studies, Art Studies	2,416,777	2,492,975	2,698,832	2,762,792	3,296,404
10 Modern Languages	1,179,205	1,511,477	1,360,373	1,768,451	1,822,212
11 Geosciences and Geography	4,665,193	4,463,546	6,545,603	4,666,418	5,231,743
12 Computer Science and Mathematics	1,793,532	1,619,935	1,339,710	2,485,691	2,938,000
13 Physics incl. FIAS	7,092,639	7,947,983	10,618,134	9,529,446	10,727,322
14 Biochemistry, Chemistry and Pharmacy	15,376,686	13,847,739	17,577,466	17,487,564	11,793,134
15 Biological Sciences	3,957,619	5,450,638	7,463,185	8,096,433	7,688,273
16 Medical Science	30,885,091	39,870,477	39,934,209	42,168,708	42,473,259
Scientific centres	1,181,526	674,810	1,816,257	824,730	672,928
Library System	17,310,228	6,912,660	5,575,358	6,499,886	6,590,012
Central Technological Operating Centres	38,631	259,051	335,428	380,693	490,281
Administration	2,475,254	1,823,768	4,518,956	3,383,474	1,874,531
Overall Result	99,911,836	99,171,478	114,713,520	120,247,031	121,577,622



External funding expenditure by funding body in euros, 2006–2010

	2006	2007	2008	2009	2010
DFG Funds	33,754,028	44,693,624	42,132,212	55,337,683	45,836,792
of which funds from Inits. for Exc.		3,436,840	7,463,283	11,067,435	7,876,781
EU Funds	10,099,717	7,294,181	14,440,767	13,974,545	12,369,469
Federal Funds	8,467,527	8,793,979	8,673,287	11,167,687	12,834,754
Industry Funds	15,404,774	21,551,064	21,700,460	23,198,207	18,549,836
Contract Research	9,047,340	11,760,248	11,430,501	13,899,799	12,683,765
Donations	6,954,494	9,598,230	11,446,733	9,851,740	9,790,682
Other	6,433,596	8,793,204	10,422,571	10,016,094	12,726,221
Total for Entire University	90,161,476	112,484,530	120,246,531	137,445,756	124,791,519
of which Medicine	30,303,204	45,311,665	41,993,679	47,844,184	44,927,987
Core university	59,858,273	67,172,865	78,252,852	89,601,572	79,863,532



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