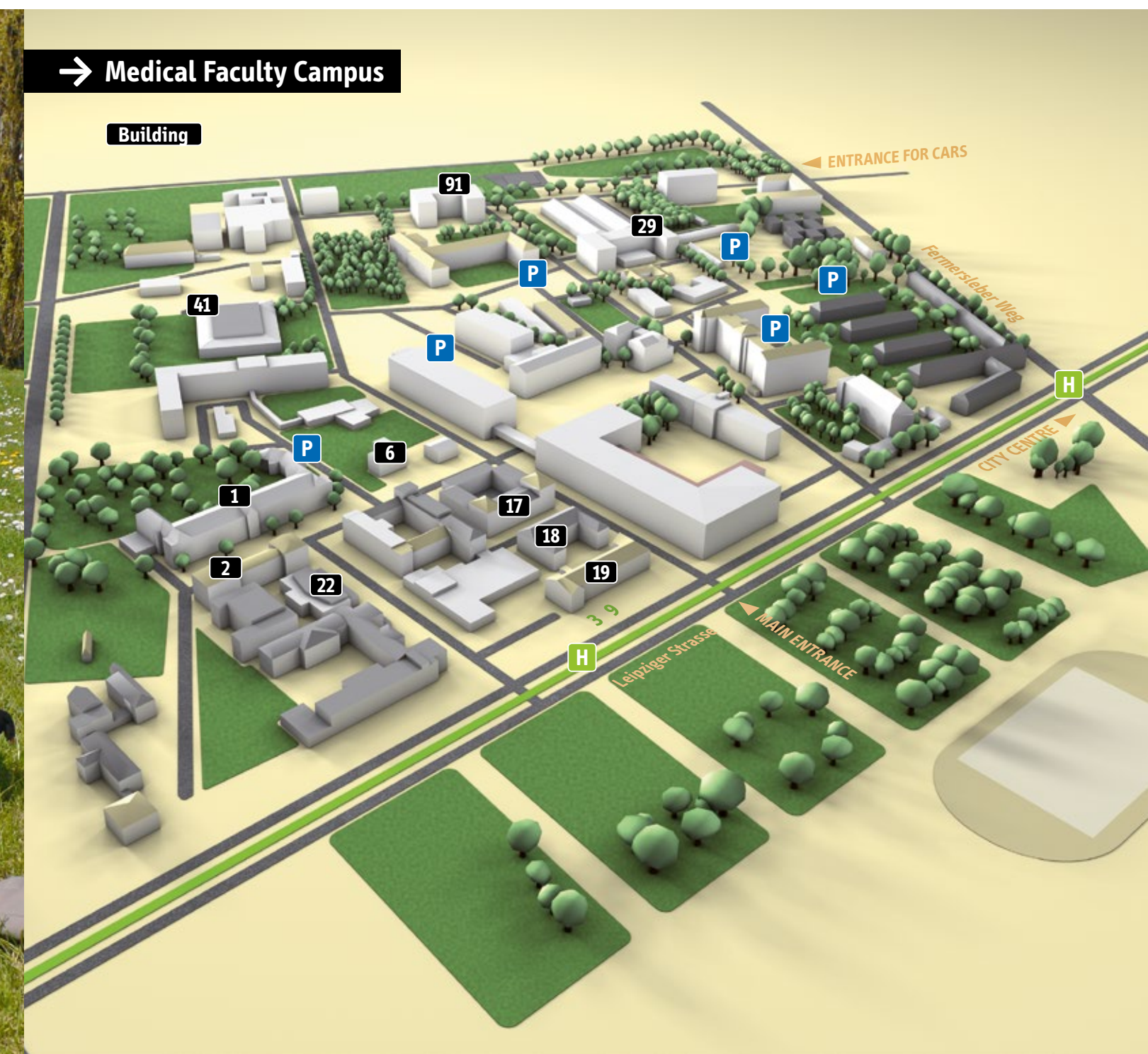


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BETWEEN TRADITION AND THE FUTURE

Otto von Guericke University (OVGU) is a young university. However, it is precisely because it was founded twenty years ago through the merger of three existing institutions to create a university with a distinctive profile, that in many areas it is able to draw on a considerably longer tradition. This fact also dictates its areas of concentration in engineering, computer science, the natural sciences and medicine. New subject areas such as economics and management have been added to these, and the University considers the humanities, social sciences and education to be essential components of a modern university with a distinctive profile.

OVGU's research priorities – the neurosciences, dynamic systems/systems biology and the automotive industry – are interdisciplinary in nature and strengthened on a lasting basis by institutionalised cooperation with the research institutes based in Magdeburg. OVGU endeavours to develop innovative strategies to strengthen regional and national businesses. The University stands at the heart of Saxony-Anhalt society and, in addition to research and teaching, also undertakes work to foster the development of society as a whole.

At present almost 14,000 students, of whom 1,800 are from abroad, are enrolled on 70 Bachelor's and Master's courses. OVGU's aim is to ensure that its students are able to study on accredited courses with systematic quality assurance. The growing proportion of international students and PhD students is, like the exchange programmes, the foundation of intercultural education on our campus. Our alumni constitute a national and international network of ambassadors for OVGU. Our students value the compact campus, which makes it easier to contact lecturers and facilitates meetings with others during study time as well as at numerous events. You are cordially invited to find out more about researching and studying at OVGU!

Prof. Dr.-Ing. Jens Strackeljan
President of Otto von Guericke University Magdeburg



A UNIVERSITY WITH A DISTINCTIVE PROFILE

Research at our University has always been oriented towards fundamental principles. However, this was never intended to be a rejection of applied research. Our research initiates innovation processes that lead to product ideas, prototypes and, ultimately, products.

The most prominent areas of research emphasis are the neurosciences, dynamic systems in process engineering and biomedicine plus automotive/digital engineering. In addition, transfer related areas of emphasis include medical technology, renewable energies, fluidised bed technology, research into dementia, computational visualistics and experimental economics.

Affiliated institutes and the University's Technology Transfer Center act as links between academia and

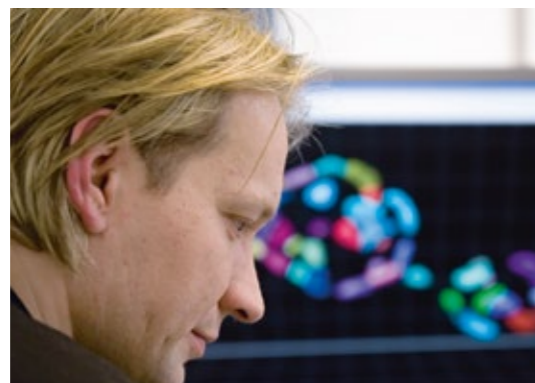
industry. They facilitate businesses' access to the University's research resources while simultaneously promoting innovation. The Faculty of Medicine and University Clinic, which are located on their own campus, are the "educational home" to around 1,300 trainee doctors.

According to the current rankings of the Centrum für Hochschulentwicklung (German Centre for Higher Education), OVGU's courses are among the country's best.

An excellent staff-student ratio, state-of-the-art equipment, a high level of flexibility in terms of course structure and a close relationship to professional practice provide the ideal conditions for successful study outcomes.



EXCELLENCE IN RESEARCH NEUROSCIENCES



In academic circles, Magdeburg is recognised as a centre for first class research in the neurosciences, as an established neurosciences hub with world renowned researchers and as a flagship for brain research. Impetus is provided by the Excellence Initiative of the state of Saxony-Anhalt. Networking and synergy effects are generated by the “Centre for Behavioral Brain Sciences” (CBBS), which is equipped to the very highest standard. Among other things, a 7-tesla magnetic resonance tomograph, which was Europe’s first when it was inaugurated, is utilised here. The CBBS organises the interdisciplinary work of research-intensive groups in the experimental and clinical neurosciences and adjacent subject areas. It trains young academics, accesses third party sources of funding and coordinates the transfer of research. Alongside a number of University faculties, associated centres, affiliated institutes and external research institutions are integrated within this structure.

The Faculty of Medicine at Otto von Guericke University cooperates very closely with the Leibniz Institute for Neurobiology (LIN) and the Centre for Neuroscientific Innovation and Technology (ZENIT).

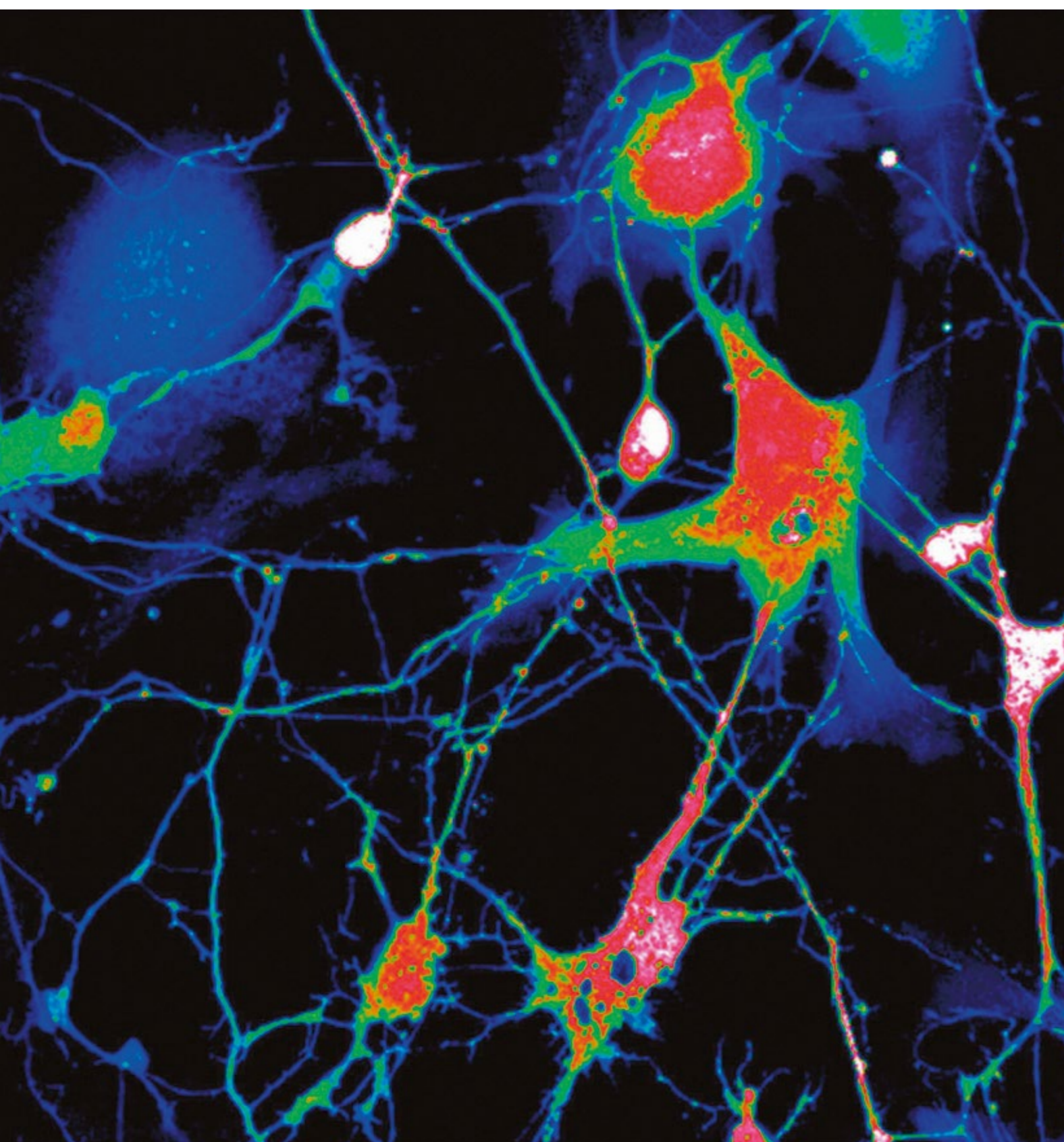
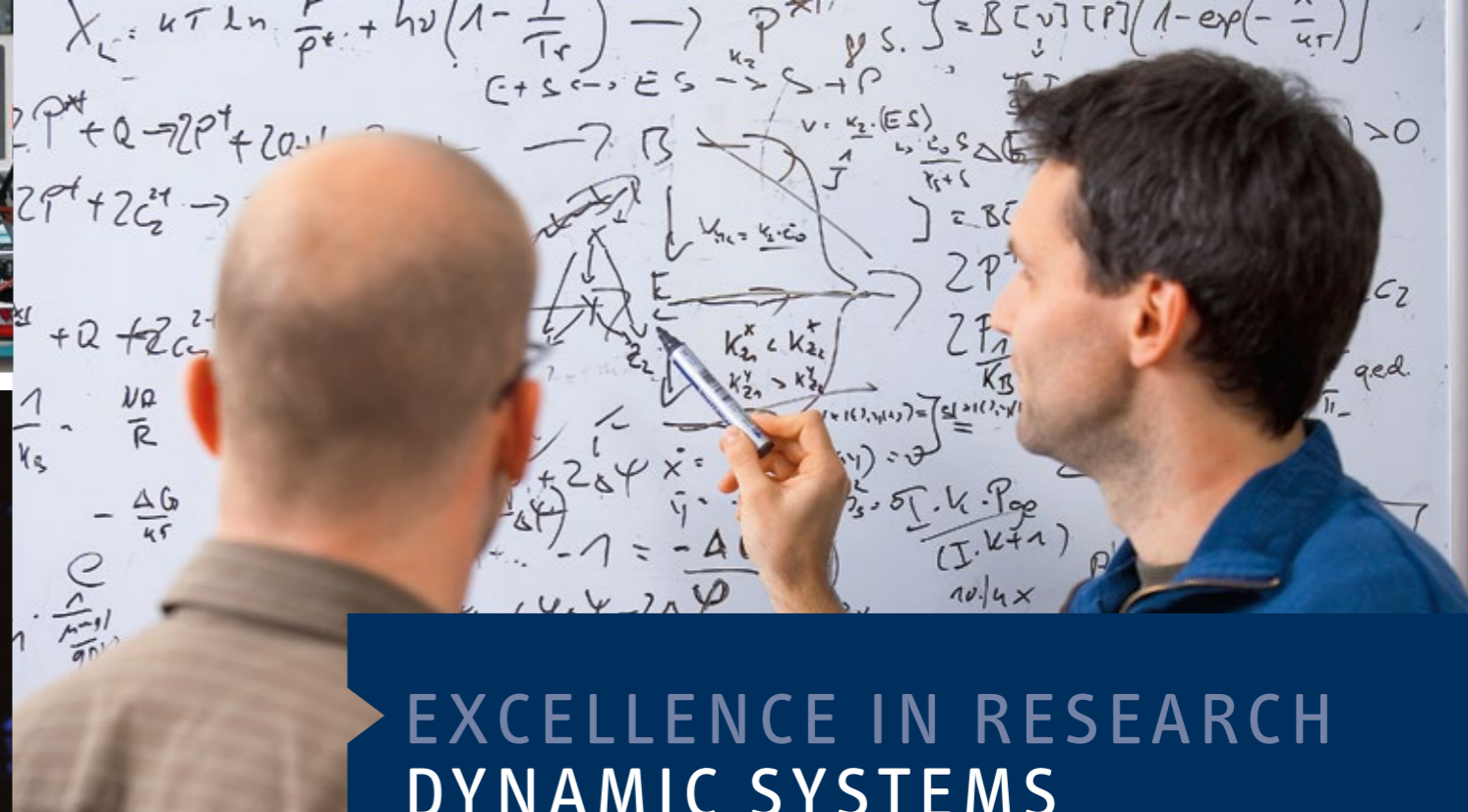
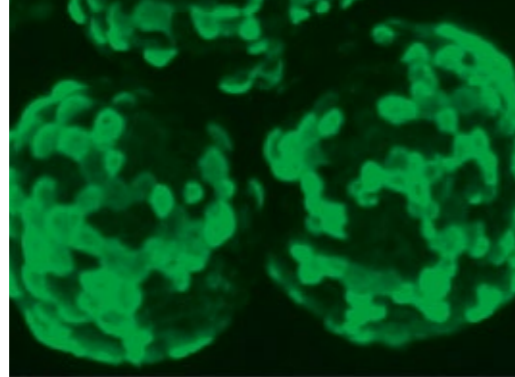
Pioneering research is also undertaken in the Center for Advanced Imaging (CAI), which, as one of five regional imaging centres, receives priority funding from the Federal Ministry of Education and Research. One example of a current CBBS research topic is the use of neuroprostheses to electrically stimulate the brain tissue after nerves or regions of the brain have been damaged. Scientists at the CBBS are also achieving success with brain pace-makers in Parkinson’s patients. In the realm of learning and memory research, the CBBS is an outstanding centre of excellence, not least as a result of its cooperation with the Leibniz Institute for Neurobiology in Magdeburg and its Director, Professor Dr. Eckart D. Gundelfinger. Researchers from the Leibniz Institute and the University Clinic of Neurology under the leadership of its Director, Professor Dr. Hans-Jochen Heinze, are working in the newly established German Center for Neurodegenerative Diseases (DZNE) on innovative diagnosis and treatment possibilities for diseases such as dementia. The DZNE is one of six partner institutes of the Helmholtz Centre for Dementia Research in Bonn and is thus a national flagship project in dementia research.



EXCELLENCE IN RESEARCH AUTOMOTIVE

Otto von Guericke University Magdeburg takes a leading role in the field of automotive research. The automotive focal point of excellence is run under the aegis of the Faculty of Mechanical Engineering. In addition to the fundamental research that it conducts, its work also has a strong applied focus. To this end, a collaborative project, "COMpetence in MObility", or COMO for short, has been set up. Alongside several companies, the partners include external research facilities such as the Fraunhofer Institute for Factory Operation and Automation (IFF) and MAHREG, the automobile network.

With the Institute of Automotive Expertise (IKAM), OVGU has an automotive research centre that is the only one of its kind in Germany and which in the coming years will receive a total of 32.5 million euros of federal and state funding. The structural change in the automobile industry of the 21st century will be actively shaped from Magdeburg, both in terms of fundamental research and through intensive cooperation with leading German vehicle manufacturers.



EXCELLENCE IN RESEARCH DYNAMIC SYSTEMS

At the Magdeburg Research Centre for Dynamic Systems, scientists work on both biological/medical and process engineering-related problems. In so doing they work on an interdisciplinary basis with the “Molecular Organisation of Cellular Communication in the Immune System” collaborative research centre. This link with the research centre is producing completely new approaches to problem solving. The field of systems biology plays a key role in this respect. The Magdeburg Centre for Systems Biology (MaCS) is one of the cornerstones of the centre of excellence for dynamic systems. Researchers from several faculties within Otto von Guericke University Magdeburg and scientists from the Max Planck Institute for Dynamics of Complex Technical Systems are combining molecular biology methods with those of mathematics, computer science and systems science. The crux of their research work is to explore the dynamic networks of cells. Their aim is to decode the processing and transmission of signals through biochemical reactions. Researchers are also investigating the powerful regulators that ensure that the processes in the cell run smoothly.

An ambitious aim is to develop a virtual cell. The researchers aim to create mathematical models on the computer in order to simulate the interaction of complicated biochemical reactions in a cell. This should enable various scenarios to be run through, such as the possibility of faults arising in the network of cells. In future it would then be possible to recognise malfunctions in the cells caused by disease at an early stage and develop appropriate therapies. This is one clear example of the link between biology and medicine and process engineering. The ingenious regulatory mechanisms in nature are delivering on two fronts. First, they are the basis for the development of new medicines to combat disease, and second they also generate process engineering know-how that is used in the construction of highly automated industrial production plants. The Research Centre for Dynamic Systems in Biomedicine and Process Engineering is the nerve centre for interdisciplinary scientific cooperation within the framework of the Centre of Excellence for Dynamic Systems funded by the state of Saxony-Anhalt. The Magdeburg Centre for Systems Biology (MaCS), a systems biology research unit (or FORSYS) funded by the German Federal Ministry of Education and Research, is also based here.



MEDICAL TECHNOLOGY

Healthcare is one of the most important growth markets of the future. Medical technology plays a key role in this market. The collaboration between engineering, natural sciences and medicine is producing new, innovative diagnostic and therapeutic approaches.

OVGU was established as a result of the close cooperation between the Faculties of Medicine, Neurosciences and Engineering as well as Computer Science. Cooperation with the three large research facilities, the Max Planck Institute (MPI), the Fraunhofer Institute for Factory Operation and Automation (IFF) and the Leibniz Institute (LIN), has produced a focal point for knowledge and research of worldwide renown, and has created the ideal environment for research and development in the field of medical technology. The training and research undertaken as part of the course in Medical Technology is supported by six faculties, the Leibniz Institute and industry. Siemens in particular is a committed partner in this area, and also sponsors engineering in Magdeburg.

One major outcome of this active cooperation is the STIMULATE (Solution Centre for Image Guided Local Therapies) research campus for innovative medical technology, which opened at the beginning of 2013. Under the umbrella of the research campus, scientists and developers from the engineering and medical faculties, together with external research institutions, Siemens AG Healthcare and regional commercial enterprises, will develop technologies for image-guided minimally-invasive methods in medicine, which are intended to both improve medical treatment methods and also curb the explosion in healthcare costs. The centre will focus on significant, widespread disorders in the areas of oncology, neurology and vascular disease.



FLUIDISED BED TECHNOLOGY

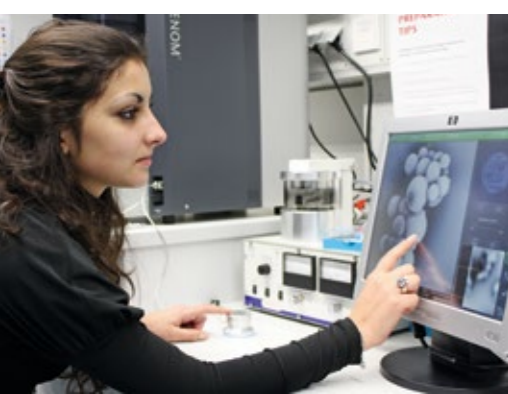
Fluidised bed technology should be especially familiar as the process used for roasting coffee. However this high-growth crossover technology is now also being used in many other sectors and is revolutionising existing production technologies.

Research into fluidised bed technologies at Otto von Guericke University Magdeburg has developed into an important economic driver in Saxony-Anhalt in recent years. Fluidised bed technology has long been the key area of innovation in the Magdeburg region and serves as the dominant competitive factor and catalyst for the markets of tomorrow. Scientists in the Faculty of Process and Systems Engineering are able to draw on a long tradition in fluidised bed technology and are among the leading scientific thinkers behind it. Since the mid 1970s

the focus on fluidised bed research has evolved continuously and become firmly established in Magdeburg.

The fluidised bed process is used to transform liquid products into granules, making the materials significantly better for processing by industry. The characteristics of the granules produced, such as their size, moisture content or specific composition, can be adjusted precisely and systematically by the fluidised bed process.

Magdeburg's researchers are now able to lay claim to a good 180 patents. Fluidised bed technology is also being used increasingly in the pharmaceutical industry, in the manufacture of washing powders and in seed production.



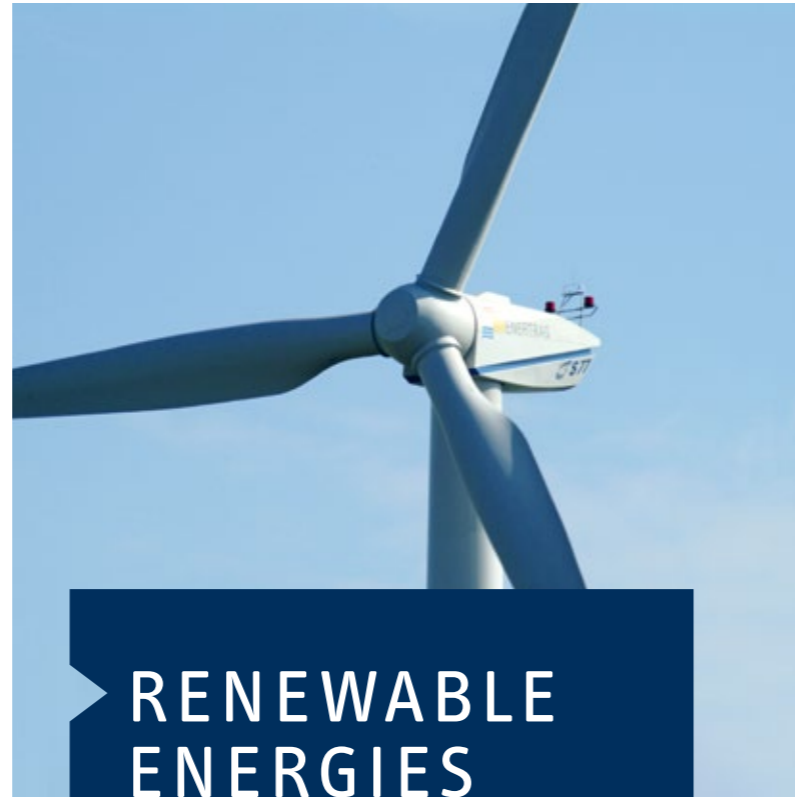


MICROSYSTEMS TECHNOLOGY

Microsystems technology is a key technology. It can be found in the heads of hard drives and in airbag sensors. It facilitates new applications whilst at the same time contributing to existing applications being more reliable and cheaper to produce.

The University is supported by a circle of companies active in integrated circuit packaging for electronic components, injection moulding technology, medical technology, sensor technology and mechanical and plant engineering. Combining these competences ensures that innovative developments will be possible in future.

Alongside highly innovative methods and structures, the University also has the most modern laboratory technology in the region. Magdeburg's first clean room laboratory has a collection of equipment that is unrivalled in Saxony-Anhalt. The 300 m²-plus facility provides users with access to furnaces, saws, injection moulding systems, inspection and testing instruments and state-of-the-art simulation technology.



RENEWABLE ENERGIES

Primarily energy sources such as coal and oil are becoming increasingly scarce. This means that it is essential to focus on alternative forms of energy generation and to organise them so that they are both highly efficient and sustainable.

For this reason, scientists at Otto von Guericke University Magdeburg are working intensively through various interdisciplinary renewable energy research projects to drive forward the necessary reorganisation of the energy sector.

Above all, OVGU is a scientific trailblazer in the field of interdisciplinary wind energy research. At present, a management system is being developed to control the first German offshore wind park in the North Sea, known as "alpha ventus". Since November 2009, alpha ventus has produced environmentally friendly wind energy for the German national grid with twelve 5-megawatt category wind turbines. It is anticipated that in future when the wind is strong offshore wind parks will provide a significant proportion of the electrical power produced in Germany.



DEMENTIA RESEARCH

As we get older, the likelihood of suffering from neurodegenerative diseases increases immensely. In Germany around one million people over 65 are currently suffering from the consequences of dementia – and the trend is upwards. In light of demographic changes, dementia research is one of the most important areas of medical research for the future. For this reason, in 2008 the Institute of Cognitive Neurology and Dementia Research (IKND) was founded in Magdeburg's Faculty of Medicine. Among other things, the mechanisms of higher cognitive brain functions, such as memory, motivation, goal-oriented action, decision-making and the ability to control one's behaviour are studied here.

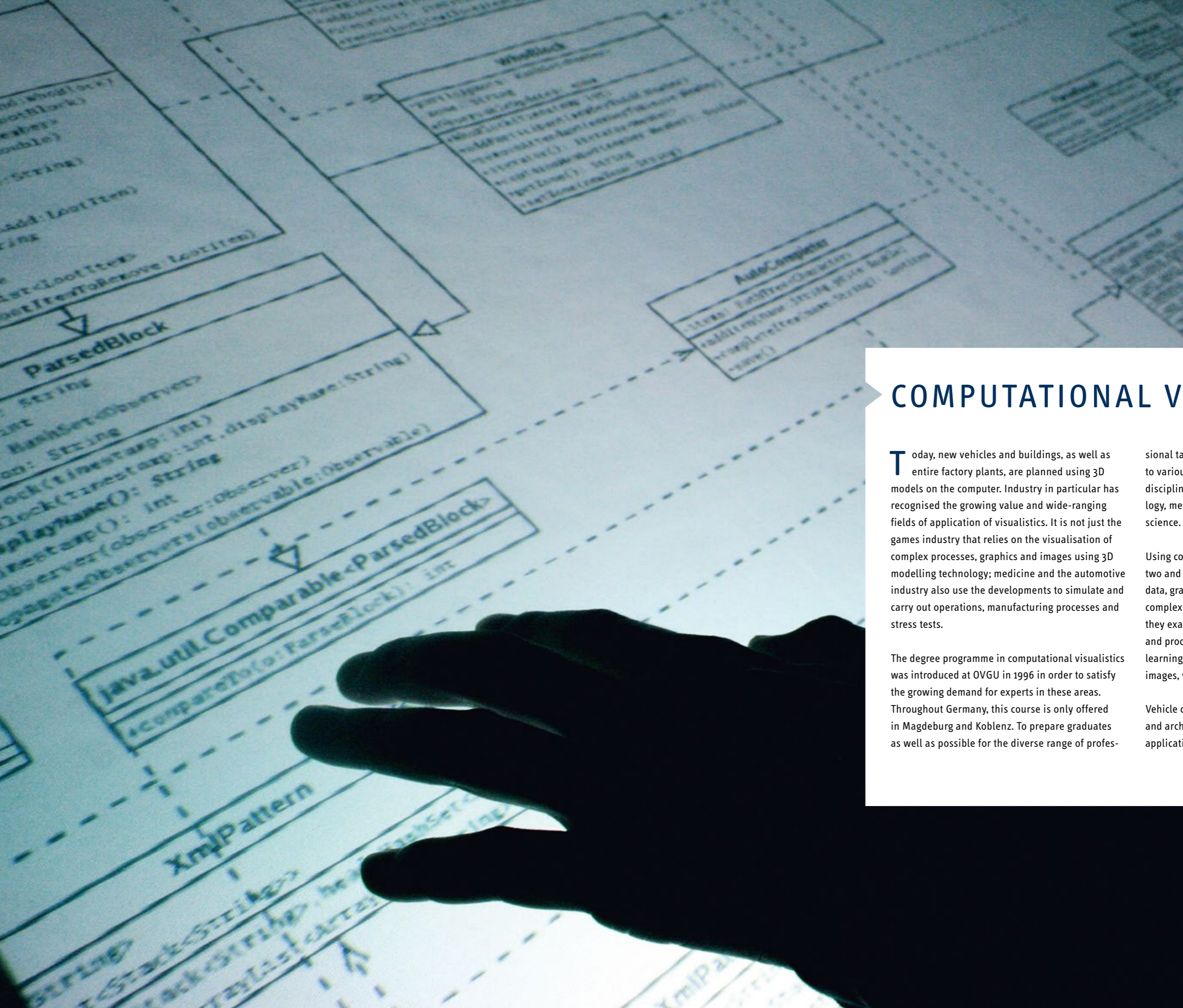
OVGU provides the ideal conditions for doing so. In no other location in Germany will it be possible in the immediate future to study the different levels of cognitive function in human beings. This was a decisive factor in the choice of the University as one of the sites for the German Center for Neurodegenerative Diseases (DZNE), a nationwide facility funded by the Helmholtz Association.



MAXLAB

How do people react as participants in the economic process? This question has been studied by economists by means of experimental economics since the early 1960s. In the MaXLab (Magdeburg Laboratory for Experimental Economics) OVGU has one of the most modern and best equipped experimental laboratories in Europe.

Test subjects are able to make an important contribution to new economic findings by participating in computer-based experiments in the MaXLab. Since the laboratory was opened in 1998, numerous MaXLab researchers have been recognised for their work with awards such as the German Research Foundation's Leibniz Prize and the University of Magdeburg's research prize. Many young academics, who have now achieved international renown and who hold professorships at other universities began their careers in the MaXLab.



COMPUTATIONAL VISUALISTICS

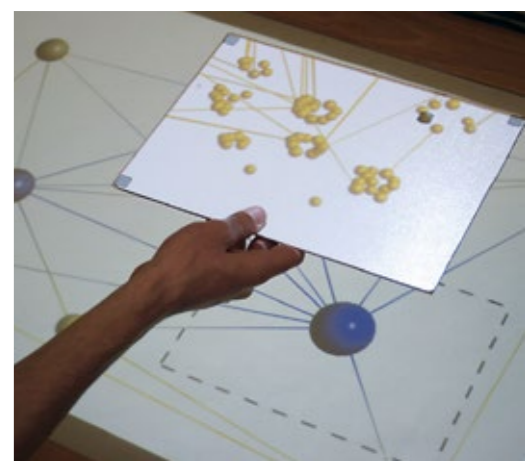
Today, new vehicles and buildings, as well as entire factory plants, are planned using 3D models on the computer. Industry in particular has recognised the growing value and wide-ranging fields of application of visualistics. It is not just the games industry that relies on the visualisation of complex processes, graphics and images using 3D modelling technology; medicine and the automotive industry also use the developments to simulate and carry out operations, manufacturing processes and stress tests.

The degree programme in computational visualistics was introduced at OVGU in 1996 in order to satisfy the growing demand for experts in these areas. Throughout Germany, this course is only offered in Magdeburg and Koblenz. To prepare graduates as well as possible for the diverse range of profes-

sional tasks that they will encounter, in addition to various aspects of computer science, the interdisciplinary course also covers branches of psychology, medicine, design, architecture and materials science.

Using computers, computational visualists develop two and three dimensional representations from data, graphics and images and incorporate them in complex applications. With the help of psychology, they examine how visual information is perceived and processed, how decisions are made and how learning processes can best be supported through images, videos and interactive visualisations.

Vehicle construction, games development, medicine and architecture are just some of the areas of application.





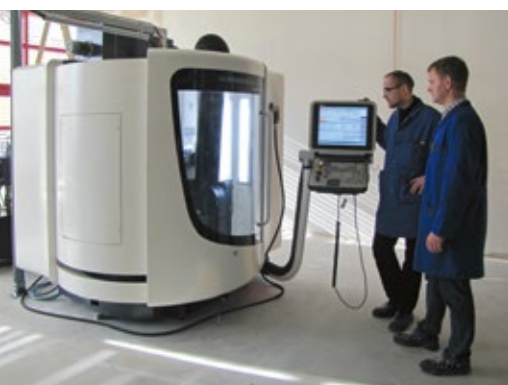
A PARTNER TO INDUSTRY

From research into practice, from the idea to the enterprise: scientists and academics from Otto von Guericke University Magdeburg successfully cooperate – regionally, nationally and globally – with enterprises and institutions of all sizes and from all sectors of industry. Both bilateral projects between companies and individual University institutions, and the participation in collaborative projects with several partners from research and industry play an important part in this.

In this way, OVGU concentrates existing excellent research whilst creating new synergies in Magdeburg as a hub of science and technology.

Continuous cooperation with industrial partners ensures that the newly developed methods and processes are quickly integrated into the economy. This permits direct feedback between research and practice and real-time use and exploitation of research findings. The synergies that come about as a result enable an improved exchange of knowledge between fundamental and applied research.

In recent years, the University has acquired new partners from industry and research for joint research projects, especially in the automotive, medical technology, fluidised bed technology, dynamic systems and renewable energies fields.



欢迎
Welcome!
 SEJA BEM-VINDO!
 Bienvenue!
Bienvenidos!
 Добро пожаловать!
 Benvenuto!



THE WORLD OF SCHOLARSHIP

Approximately 1,800 foreign students from more than 90 countries study at Magdeburg University. With a share of international students in excess of 10 percent, OVGU places well above the national average in Germany. In addition, every year, on average 200 foreign academics and scientists visit the University. Numerous cooperation agreements with universities in 49 countries offer students and academics from Magdeburg excellent opportunities to study and conduct research abroad.

Dual degree programmes with American and British universities, as well as with Ukrainian, Bulgarian and Polish institutions, enable students to graduate simultaneously from both places of study. OVGU is especially committed to exporting its qualifications. The University has established German study programmes in, among other countries, the Ukraine, Vietnam, Russia and Belarus. International research networks extend from Magdeburg across the entire globe.

The internationalisation of its academic programme and activities as a whole is one of OVGU's most important strategic goals. With the continuation of the Bologna Process, more and more English language courses are being offered. Numerous international programmes have been put in place, including the "Eastern Partnerships" programme, the interactive internet platform, "VOCAL", which, among other things prepares students for studying abroad, and the "Staff Mobility Week". Moreover, OVGU is breaking

new ground in the joint support of new German and international students. The "Integrated Welcome Weeks" offer orientation support for students as they carry out all of the necessary administrative processes and also familiarise them with the diversity of life on campus. The concept was developed by the International Office in cooperation with the Student Union and IKUS, a voluntary association of OVGU students. German and international students are able to start out in their new environment in tandem. In this way, new students are able to find their way on campus and in their new temporary home of Magdeburg.



GRADUATE SCHOOL

Naturally, doing a PhD in Magdeburg means academic work on an interesting subject, just as it does at every other university. But, since 2010, doing a PhD at Magdeburg has also meant carrying out research under the umbrella of the Graduate School and thus benefiting from its wide-ranging support. The Graduate School was founded in order to enable young academics, as an important group at the University, to integrate even more and to continue to optimise their working conditions.

The objective is to bring PhD students together in thematic groups across working group and faculty boundaries, in order to achieve greater integration of their mainly interdisciplinary subjects. This path is not always entirely easy for young academics, as it places considerable demands on communication with one another. However, on the other hand, it also offers the prospect of obvious synergies. In

order to construct a tightly-woven cooperation network, OVGU holds an annual "DocDay", during which PhD students are able to make valuable contacts with their peers.

Last but not least, the University has also intensified its contacts with other universities through the Graduate School, in order to continue to promote the best possible support for its own PhD students and to drive forward interdisciplinary research.

MB

FACULTY OF MECHANICAL ENGINEERING



The Faculty of Mechanical Engineering is the largest faculty and the discipline with the greatest tradition at the University of Magdeburg. However, the faculty is also looking squarely towards the future. Not only do students here participate in programmes that provide

them with a sound grounding and innovative courses that equip them for the future in a guaranteed minimum time. In the faculty, staff also work intensively and across the disciplines on development, design and research projects, for example on the car of the 21st century.

VST

FACULTY OF PROCESS AND SYSTEMS ENGINEERING



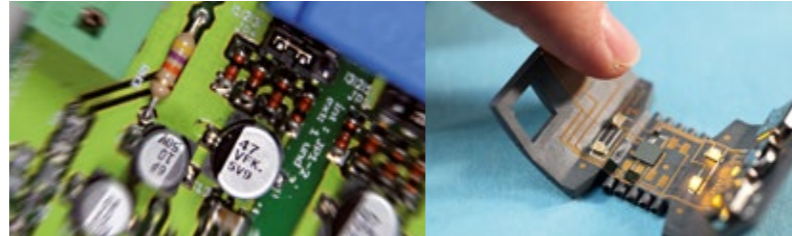
In the Faculty of Process and Systems Engineering, chemicals become medicines, oil becomes plastics, stone becomes construction materials and glass, ores become metals, waste is turned into energy, sand becomes silicon chips, and agricultural raw materials

are turned into food. After all, process engineering is ubiquitous and unavoidable, particularly if our desire for a high standard of living is combined with the demand for efficiency, sustainability and a responsible approach to dealing with people and the environment.



EIT

FACULTY OF ELECTRICAL ENGINEERING AND INFORMATION TECHNOLOGY



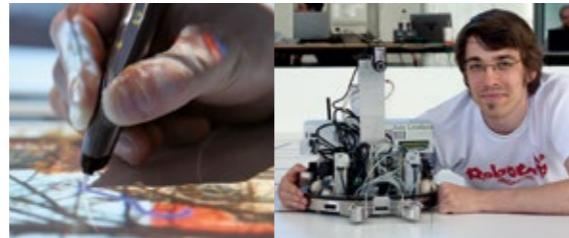
Members of this faculty can already glimpse the future today. Mini-catheters are navigated through the narrowest blood vessels, telemedical systems for research into strokes are developed and electrical charging stations are networked here. As an elec-

trical engineer it is possible to pursue a career in almost every branch of industry or services, electrical engineering and electronics, as well as in the automobile industry, medical technology and in the IT and telecommunications industries.



INF

FACULTY OF COMPUTER SCIENCE



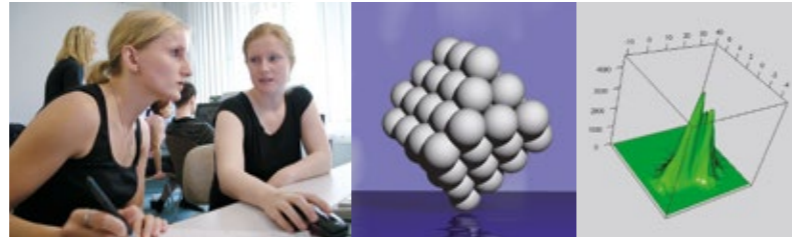
With almost 20 professors, the Faculty of Computer Science is the largest computer science faculty in the state and furthermore, is practical, personal and interdisciplinary. There are unique courses, such as computational visualistics, an award-winning men-

toring programme for new students and, thanks to a small, yellow transponder, students and academics can learn, research, refine their work and programme 24 hours a day, either alone or in teams. There's more to this faculty than just computer science!



MATH

FACULTY OF MATHEMATICS



Students in the Faculty of Mathematics learn the art of avoiding arithmetic! There are precisely eight reasons for choosing the University of Magdeburg: 1. individual support, 2. a young, committed team of professors, 3. state-of-the-art computing equipment,

4. interdisciplinary work, 5. research to the highest level, 6. exchange programmes with universities throughout Europe, 7. an awesome student life and 8. excellent career prospects.



NAT

FACULTY OF NATURAL SCIENCES



In this faculty, dreams of the future become reality: connections are created between the brain and the computer, physics students send experiments into outer space, and new materials and technologies are developed for the semiconductors of the future.

The latest technology is available to students and up-and-coming researchers in excellently equipped laboratories. Over and above this, the faculty is closely connected with research institutions such as the renowned Leibniz Institute for Neurobiology.

MED

FACULTY OF MEDICINE

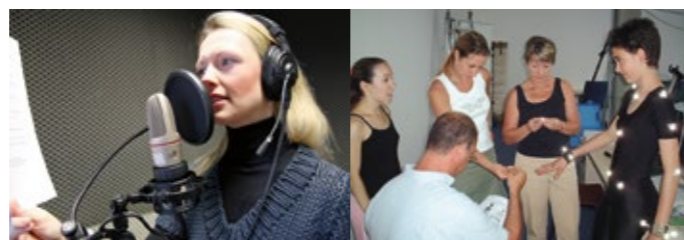


The Faculty of Medicine sculpts the region's would-be doctors and is the largest full-service hospital in northern Saxony-Anhalt. Not only are students trained to become physicians here; research is also carried out, for example into how cells communi-

cate with one another or how learning works. One place where students can learn is in the Skills Lab, a training centre where would-be doctors have the opportunity to practice stitching etc. for the first time outside of classes.

HW

FACULTY OF HUMANITIES



The Faculty of Humanities is the University's largest, at least as far as the number of students is concerned. It complements the more technical profile of the University with a range of Bachelor's and Master's courses with a cultural, educational

and social science bias. The academic spectrum of the Faculty of Humanities ranges from political science and history, and intercultural management, to media studies, linguistics and sports science.



WW

FACULTY OF ECONOMICS AND MANAGEMENT



The Faculty of Economics and Management at the University of Magdeburg is one of the most successful newly established economics faculties in eastern Germany. It offers new students everything they need to undertake an effective and successful

course of studies, such as the full range of German and English language degree programmes, first class staff-student ratios, a young, highly motivated team of lecturers, and a state-of-the-art IT infrastructure.



BACHELOR'S PLUS MASTER'S: 300 POINTS

Of the 70-plus courses that are offered at the University of Magdeburg, at present 38 are Bachelor's programmes and 33 Master's. Furthermore, medical students conclude their studies with a state examination.

The Bachelor's courses convey scientific and academic principles and methodological competences plus specific occupational skills.

The Master's programmes too qualify students for specific professions, but unlike the Bachelor's programmes, they also entitle their holders to study for a PhD. Otto von Guericke University also offers dual degree programmes in cooperation with business. And anyone who already has a university degree and professional experience can further their education at OVGU whilst continuing to work, thus giving new impetus to their career.

The only course of its kind in Germany:

Bachelor's degree in Safety and Hazard Defense

After a disaster in a chemical plant, sophisticated crisis management is essential. The Faculty of Process and Systems Engineering at the University of Magdeburg trains experts in safety and hazard defense, as well as other specialists. In Germany, the course is only offered in Magdeburg by OVGU and the Magdeburg-Stendal University of Applied Sciences.

ACADEMIC CALENDAR

Winter semester: 1st October – 31st March

Start of lectures: Beginning of October

End of lectures: Beginning of February

Exam Period: February

Semester break: March

Summer semester: 1st April – 30th September

Start of lectures: Beginning of April

End of lectures: Mid-July

Exam period: July

Semester break: August – September

GOING TO UNI
BEFORE LEAVING SCHOOL



ENCOURAGING HIGHLY
GIFTED STUDENTS



CHILDREN'S UNI



STUDYING AT OVGU



STUDYING POST 50



CONTINUING ACADEMIC
EDUCATION



LIFELONG LEARNING

Research findings are only a snapshot of a given moment in time. If you want to be at the cutting edge, you need to continue to educate yourself. However, lifelong learning means more than the mere claim to have up-to-date knowledge. The concept of lifelong learning at university level encompasses every aspect of the university system. On the one hand, it is about enhancing knowledge and competences, whilst on the other hand it is also about extending university access to all. It involves preparation for studying, university access, the progression of studies, the organisation of teaching and learning, entry to a profession and occupational and post-occupational continuing education. With the changes to the educational and university landscape throughout the country, Otto von Guericke University has established itself as an attractive place of learning for every generation. OVGU already offers opportunities for lifelong learning, with individual courses run by the Children's Uni through to studying post-50.



IN THE HEART OF THE CITY – THE CAMPUS

Lecture theatres and laboratories, the canteen and café, library and halls of residence are all situated on the campus in immediate proximity to one another. Students live in the extensively refurbished and modern CampusTower, whilst visiting academics at the University have access to accommodation in renovated studios close to both the city and the campus. Just a few minutes' walk from the campus is the exuberant centre of the state capital of Magdeburg with lively theatres and bars. Just as close by are the peaceful walkways and lovely parks along the river Elbe. More than 100 types of sport, including popular activities such as futsal and zumba are offered at the University sports centre. As the site of an Olympic support centre, Magdeburg is a sporty city. Various fixed dates in the University

calendar are reserved for entertaining sporting events, such as the High-Rise Race, the University Eights competition, which is held in conjunction with the University of Halle, or the Dragon Boat Race. Culture isn't forgotten on campus either. Students are members of several theatre groups and the traditional student cabaret, "Prolästerat für Studienangelegenheiten". They also produce the programmes shown on Campus TV. The Academic Orchestra and University Choir – as well as the Uni Big Band – are also popular attractions on the city's stages and on tour. The campus is a regular attraction for visitors to the Long Night of the Sciences, the Day of the Open Door, the summer Students' Days and offers plenty of other occasions to celebrate and meet new people.

STUDENT CITY

The state capital of Magdeburg, which lies on the middle Elbe, has a history that is deeply rooted in the past of both Germany and Europe. Otto the Great, the first German Emperor and founder of the Holy Roman Empire, declared Magdeburg to be his favourite palatinate, and gave the city as a wedding gift to his first wife, the English Princess Editha. Alongside Rome and Byzantium, Magdeburg was a centre of the medieval world.

Magdeburg is one of Germany's greenest cities. Elbauenpark, with its Millennium Tower and tropical butterfly house, is a legacy of the National Garden Festival in 1999. Numerous events are held in the Elbauen, including the "Night Glow" in summer, in which illuminated balloons float above the meadows that line the river Elbe. Numerous parks, including the "Rotehorn" city park on the inner-city island in the Elbe, the Herrenkrug landscape park, the Klosterberge Garden, which was laid out according to designs by Lenné as the first people's park in Germany, and many smaller gardens and parks are popular places to relax and unwind. In this city of 232,660 people, there are also many opportunities to enjoy cultural and sporting activities, to shop and stop for a bite to eat. Both locally and further afield, the surrounding areas of the Harz and the four UNESCO world heritage sites - the old town of Quedlinburg, the Dessau Bauhaus and the Dessau Wörlitz Garden Kingdom plus the Luther memorials in Eisleben and Wittenberg - are also well worth visiting.





Alexander Blasczyk

This political science and history graduate became a specialist journalist in the field of fire fighting after completing his studies and since February 2010 has successfully headed up the Thuringian Fire Service Association as managing director.



Jana Görs

This computational visualistics graduate founded the company Zephram in Magdeburg in 2006. The company identifies sparking ideas, new areas of operation, cost savings and new product developments for businesses.



Mike Keune

This Faculty of Mathematics graduate studied grammar school mathematics and physics teaching, with computer science as a minor subject. Today he is a teacher at the Ecumenical Cathedral School in Magdeburg, and in addition to his teaching role, is also responsible for coordinating the upper secondary school.



Antje Buschschulte

This world class swimmer, who was born in 1978, studied neurobiology in Magdeburg and has been working towards her doctorate in this field since 2008.



Andreas Marx

After his studies in Business Informatics, Andreas Marx founded AV-Test GmbH in Magdeburg, which is involved in the IT security industry. Software manufacturers from all over the world have their products tested for security vulnerabilities and flaws by AV-Test.



Birgit Münster-Rendel

This Faculty of Economics and Management graduate initially became head of letting at TLG Immobilien GmbH after completing her studies in business management. These days she is responsible for guiding the destiny of Magdeburger Verkehrsbetriebe GmbH, the city's public transport company.



Jörg Schindelhauer

After completing his studies in engineering at OVGU, Jörg Schindelhauer founded a bicycle manufacturer that produces high-tech bikes and makes sales all over the world. The company focuses on innovative solutions with very purist designs.



Anja Schoettner

The business mathematics graduate went on to achieve a doctorate after her first degree and then accepted a junior professorship at the University of Bonn. She has now heeded the call of the University of Konstanz and is chair of Business Administration.

ALUMNI

According to the saying, old love does not rust. To keep the flame burning brightly for its former students, some years ago Otto von Guericke University Magdeburg began developing and nurturing an active network of alumni. Once their studies are complete, graduates may be scattered to the four winds, but OVGU's alumni activities have now become part of the University's traditions. For many years, the individual faculties have maintained contact with their former students and helped their graduates to network with one another. At the beginning of 2008, the alumni portal went online. The portal offers former and current members of the University, be they professors, employees, PhD students or undergraduates, an uncomplicated way of making contact with one another. Over and above this, the alumni network also holds regular get-togethers and annual meetings.



OVGU – MAKING ENTREPRENEURS

To successfully set up a business, you need more than just a good idea and plenty of motivation. If you want to be self-employed, you also need to act commercially and have a systematic and structured approach. OVGU promotes the entrepreneurial spirit of its students and, with the Entrepreneurship Interaction Centre, offers professional support for entrepreneurs in the areas of business plan development, financing and funding. In order to enable the self-employed to get off to the best possible start, the University also arranges regional and national contacts with specialists.

In a study published in November 2011 by the University of Munich and the Federal Ministry of Economics and Technology entitled “From Student to Entrepreneur: Which University Offers the Best

Opportunities?”, when compared against 63 German universities OVGU made the top ten in the overall rankings.

The bicycle manufacturer, Schindelhauer Bikes is one example of a successful business start-up at OVGU. It was established in 2009 by students and alumni of the University of Magdeburg. The young founders developed exceptional, high-quality bicycles with a toothed belt instead of a chain. Their innovation has revolutionised the entire bicycle industry. The bicycles are now available in numerous specialist shops in the German-speaking world, and worldwide in selected stores in London, Paris, Hong Kong, Singapore and Melbourne.



A FAMILY-FRIENDLY UNIVERSITY



Studying with a child: attempting to combine a university education with bringing up a child requires an enormous talent for organisation and often entails worry about ensuring the material survival of the family as well as, to a large extent, surrendering one's individual free time. Otto von Guericke University Magdeburg has made it its business to offer optimum conditions to those of its students who are also parents, in order to help them overcome the challenges of studying whilst raising a child with flying colours. The University and the Student Union offer a large range of support and relief measures.

Daycare centres, baby changing rooms and family-friendly examination schedules are now available

as a matter of course at OVGU. The University is regularly audited by the "Audit of Family-Friendly Universities" and in 2006 became the first university in Saxony-Anhalt to be awarded the "Audit of Family-Friendly Universities" basic certificate. In 2010 the certificate was successfully validated. The needs and wishes of the employees and students at a family-friendly university have formed the basis for a multitude of initiatives in recent years.

In September 2012, for example, the "CampusKids" daycare centre was opened on the University's campus. Whilst their parents hit the lecture halls 50 small boys and girls are cared for during the day by the centre's nursery teachers.

THE UNI IN FACTS AND FIGURES



Number of students

There are around 14,000 enrolled students, of whom 1,800 are from abroad. The number of students has more than doubled since the University was founded. Nine faculties offer 78 different programmes. Dual degree courses are also available.



Employees

205 professors (of whom 3 are financed by third-party funding), including 18 junior professors (of whom 1 is financed by third-party funding), 1,519 other academic employees (of whom 498 are financed by third-party funding)

1.3 million books

Along with the Central Medical Library, the University Library is the students' main site for learning and working. Together the two libraries house around 1.3 million books.

Graduates

Every year over 2,200 students successfully conclude their studies. Furthermore, 220 to 240 graduates obtain a doctoral degree.

Buildings

In the years since reunification, over 230 million euros have been invested in modernising the buildings and laboratories, not including investments in equipment.

Auditing

Otto von Guericke University is certified by the "audit familiengerechte Hochschule" (Audit of Family-Friendly Universities).

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