





Europe's most research intensive region.

■ Kitchen of Ideas Braunschweig







The research landscape in profile

This service brochure is an introduction to the diverse research landscape of the research region Braunschweig with numerous internationally acclaimed research establishments and research-based companies. Here, you will find the details of expert contact partners for each area of expertise which can provide you with information regarding your specific research and education topics. The service brochure is divided into following categories: Coordinated Organisations, Competence Networks, Universities, Research Institutions, German Federal Research Centres & -Authorities, Research-based Companies, Museums and Cultural Institutions.

The list of research-based institutions and companies reflects the current state of knowledge and information of the Braunschweig Stadtmarketing GmbH and its partners. It should be perceived as a selection rather than an exhaustive list of institutions and companies in the region. Changes and errors excepted.









Institutions and companies are colour-coded according to following core competencies:

Mobility and transport technology, aviation and aerospace

Production technologies and materials research
Surface technology, micro- and nanotechnologies
Biotechnology, health research and medical technology
Biosafety and plant protection
Agriculture and renewable resources
Environmental technology
Information- and communication technology

Optical technologies

Culture and communication

Coordinated Organisations



Arbeitgeberverband Region Braunschweig e.V. (AGV)

The AGV provides assistance to 1.000 regional companies in all issues associated with employment-, social- and collective bargaining laws. including the legal representation of companies. Other key tasks include the setting up of networks. The AGV is co-partner in the "Haus der Wissenschaft" and "projekt REGION BRAUNSCHWEIG GmbH", as well as initiator of KIM. Contact: Manfred Casper, Wilhelmitorwall 32, D-38118 Braunschweig, Phone: +49 (0)531/2 42 10-12, Email: casper@agv-bs.de, www.agv-bs.de



Braunschweigische Wissenschaftliche Gesellschaft (BWG)

As an institution on par with science academies, BWG promotes scientific cooperation at an interdisciplinary and regional level and contributes to the public discussion of scientific developments through lectures, symposia and by honouring achievements. Contact: Fallersleber-Tor-Wall 16, D-38100 Braunschweig, Phone: +49 (0)531/1 44 66, Email: poststelle@bwg.niedersachsen.de, www.bwg-niedersachsen.de



Braunschweig Stadtmarketing GmbH

The Braunschweig Stadtmarketing GmbH is a company fully owned by the City of Braunschweig. The company is active in the business areas communication, marketing and production. Together with partners of the business, science and culture sectors, the company is responsible for the realisation of marketing projects to promote the City of Braunschweig. Contact: Braunschweig Stadtmarketing GmbH, Schild 4, D-38100 Braunschweig, Phone: +49 (0)531/470 21 04, Email: wissenschaft@braunschweig.de, www.braunschweig.de/ stadtmarketing

Braunschweig Zukunft GmbH

The business development agency Braunschweig Zukunft GmbH is located in the "GründerVilla" on the Rebenring and is the central point of contact for scientific companies. It supports companies interested in relocating to Braunschweig, start-up companies and existing local businesses by providing advice on issues regarding location, approval management, procurement of commercial property, advice on the formation of a new company as well as assistance in negotiations with the relevant departments of the City Council. Contact: Rebenring 33, D-38106 Braunschweig, Phone: +49 (0)531/38 04-38 04,

Email: info@braunschweig-zukunft.de, www.braunschweig-zukunft.de

ForschungRegion Braunschweig e. V.

In 2004, 27 research establishments including universities, federal research centres, Helmholtz institutes, Fraunhofer institutes, research institutions of the Leibniz association, museums, academic libraries and other institutions undertaking highly acclaimed research joint forces and formed the ForschungRegion Braunschweig e.V. with the aim to create competence networks, to promote innovations lastingly and strengthen the leading position of the research region Braunschweig. Contact: Fallersleber-Tor-Wall 16, D-38100 Braunschweig,

Phone: +49 (0)531/2 39 29-06 /-07, Fax: +49 (0)531/144 60,

Email: poststelle@forschungregion-braunschweig.de,

www.forschungregion-braunschweig.de

Haus der Wissenschaft Braunschweig GmbH

The "Haus der Wissenschaft Braunschweig" is a platform for communication between science, business, culture and society. It offers exciting lectures and discussion events, networking events and exhibitions for anyone who is interested in and inspired by science.

Contact: Markus Weißkopf, Pockelsstraße 11, D-38106 Braunschweig, Phone +49 (0)531/3 91-41 13, Email: info@hausderwissenschaft.org, www.hausderwissenschaft.org





Industrie- und

Handelskammer Braunschweig (IHK)

The IHK Braunschweig (Chamber of Commerce and Industry) represents the cross-sectoral interests of its members and serves as platform for information exchange to reconcile different interests. It provides all necessary information on job training programs and further education, collaboration between business and science, as well as general information on the economic area of Braunschweig. Contact: IHK Braunschweig, Brabandtstraße 11, D-38100 Braunschweig, Phone: +49 (0)531/47 15-0, Email: info@braunschweig.ihk.de, www.braunschweig.ihk.de, www.ihk.de



projekt REGION BRAUNSCHWEIG GMBH

The projekt REGION BRAUNSCHWEIG GMBH develops the economic structures of our region for tomorrow's jobs. In 20 ongoing projects, more than 600 small and medium-sized companies in addition to numerous research establishments and institutions have joined together forming a network of expertise. Contact: Mittelweg 7, D-38106 Braunschweig, Phone: +49 (0)531/

12 18-0, Email: info@projekt-region-braunschweig.de, www.projekt-region-braunschweig.de



Technologiepark Braunschweig

The technology park is operated by the municipal business development agency BRAUNSCHWEIG Zukunft GmbH and offers affordable premises with an excellent infrastructure and other services to founders of technology-oriented businesses, thus making it easier for founders to set up their own business. Contact: Dipl.-Ing. (FH) Florence Hahn, Rebenring 33, D-38106 Braunschweig, Phone: +49 (0)531/38 04-38 41, Email: f.hahn@braunschweig-zukunft.de, www.technopark-bs.de

Competence Networks

Landesinitiative Life Sciences Niedersachsen - BioRegioN

This central point of contact for life sciences in Lower Saxony brings together partners from business, science and politics with the aim to facilitate that the great potential of excellent research results is marketed and at an early stage to promote the set up of companies in the region. Contact: Dr. Albrecht Läufer, c/o Corvay GmbH, Sophienstraße 6, D-30159 Hannover, Phone: +49 (0)511/44 98 95-0, Email: bioregion@ bioregion.de. www.bioregion.de

Braunschweiger Integriertes Centrum für Systembiologie (BRICS)

The Technical University of Braunschweig and the Helmholtz Centre for Infection Research are in the process of establishing the new Braunschweig Integrated Centre for Systems Biology - BRICS, where biologists, mathematicians, computer scientists and engineers will be working together towards a better understanding of complex biological processes in their entirety. Contact: Susanne Thiele, Inhoffenstraße 7, D-38124 Braunschweig, Phone: +49 (0)531/61 81 14 00, Email: susanne.thiele@helmholtz-hzi.de, www.helmholtz-hzi.de

Forschungsflughafen **Braunschweig GmbH**

The research airport is a high-tech business location with 2.000 members of staff and more than 30 partners linking businesses, research institutions and authorities dealing with issues of traffic engineering. Contact: Josef Thomas, Hermann-Blenk-Str. 29, D-38108 Braunschweig, Phone: +49 (0)531/3 62 60-1 00, E-Mail: j.thomas@forschungsflughafen.de, www.forschungsflughafen.de





Gesamtzentrum für Verkehr Braunschweig e. V. (GZVB)

The accredited competence network focuses on intelligent transport systems (ITS) with the aim to improve safety, efficiency and the impact on the environment of road-, rail-, and air traffic. The GZVB actively supports technology transfer, R&D-projects, workshops, symposium events, joint stands at exhibitions, regional initiatives and industrial consortiums, Contact: Andreas Redeker, M. A., Hermann-Blenk-Straße 17, D-38108 Braunschweig, Phone: +49 (0)531/3 54 06-73, Email: redeker@gzvb.de, www.gzvb.de



Ioint Optical Metrology Center (IOMC)

The IOMC is a joint organisation of the Technical University of Braunschweig and the German metrology institute, PTB in Braunschweig. A centre jointly founded and run by a prestigious German technical university and an internationally leading metrology institute is unique in Germany.

Contact: Technische Universität Braunschweig, Fakultät für Elektrotechnik, Informationstechnik, Physik, Hans-Sommer-Straße 66, D-38106 Braunschweig, Phone: +49 (0)531/3 91-77 96, Email: fk5@tu-bs.de, www.tu-braunschweig.de/eitp/jomc, www.bwg-niedersachsen.de



KIM Kooperationsinitiative Maschinenbau Braunschweig e.V.

KIM e.V. is a consortium of 22 businesses of the mechanical and plant engineering sector, the Institute of Machine Tools and Production Technology and the Regional Employer's Association Braunschweig - KIM is the high-performance network of the Braunschweig region. Securing the economic future of the region through cooperation is the consortium's shared goal. Contact: Siw Holstein, Wilhelmitorwall 32, D-38118 Braunschweig, Phone: +49 (0)531/2 42 10 26, Email: holstein@ agv-bs.de, www.agv-bs.de und www.made-in-braunschweig.de

Kompetenznetz Adaptronik

The objective of the competence network Adaptronic is to introduce adaptronic solutions in all areas of mechanical engineering, and thereby initiating the development of innovative products as well as the improvement of processes. Furthermore, this is combined with the purpose of developing core competencies in order to secure the value-creation potential of participating partners and strengthen future markets. Contact: Dr.-Ing. Hans-Peter Monner, Lilienthalplatz, D-38108 Braunschweig, Phone: +49 (0)531/2 95-23 14, Email: hans.monner@ dlr.de, www.kompetenznetze.de/netzwerke/indprod-adaptronik/ ?searchterm=adaptronik



Kompetenznetz Industrielle Plasma-Oberflächentechnik e. V. INPLAS

The essential goals of INPLAS are to draw public attention to plasma technology and secure and expand the worldwide leading position of German companies and research institutions in the plasma surface technology sector. Application areas are ranging from motorcars, to architectural glass, to biotechnology and to tool construction. Contact: Dipl.-Ing. Carola Brand, Kompetenznetz INPLAS, c/o Fraunhofer-Institut für Schicht- und Oberflächentechnik (IST). Bienroder Weg 54 E, D-38108 Braunschweig, Phone: +49 (0)531/ 21 55 574, Email: carola.brand@inplas.de, www.inplas.de



Nanotechnologie Kompetenzzentrum Ultrapräzise Oberflächenbearbeitung e. V. (CC UPOB)

The nanotechnology competence centre, CC UPOB, is a registered association with 34 members from the research and industry sector. The association promotes the cooperation of its members in the field of ultra precise surface figuring. It provides opportunities for an exchange of ideas and experience and supports resulting co-operations. Contact: Heiko Klawitter, Bundesallee 100, D-38116 Braunschweig, Phone: +49 (0)531/5 92-51 31, Email: klawitter@upob.de, www.upob.de



Das Niedersächsische

Forschungszentrum Fahrzeugtechnik (NFF)

The "Niedersächsische Forschungszentrum Fahrzeugtechnik" (NFF) is a research institution of the Technical University of Braunschweig. The objective of the NFF is to work on interdisciplinary research projects in the field of automotive engineering in close collaboration with partners of the industry and science sector. Contact: Dr. Elisabeth Hoffmann, Pockelsstraße 14. D-38106 Braunschweig. Phone: +49 (0)531/3 91-41 22, Email: e.hoffmann@tu-braunschweig.de, www.tu-braunschweig.de/presse, www.hausderwissenschaft.org



PhotonicNet GmbH Kompetenznetz Optische Technologien in Niedersachsen

The competence network "PhotonicNet" has set itself the goal of accelerating research and development, dissemination and application of optical technologies in Lower Saxony, as well as ensuring that the demand for highly skilled young professionals can be satisfied by initiating appropriate training schemes. Contact: Dr. Hans-Jürgen Hartmann, Garbsener Landstraße 10, D-30419 Hannover, Phone: +49 (0)511/2 77 16 40. Email: hartmann@photonicnet.de, www.photonicnet.de/kontakt.de



RIKO - Realisierung innovativer Konstruktionswerkstoffe aus nachwachsenden Rohstoffen. Niedersachsen

Construction materials made of renewable resources possess a high innovative potential and reveal concrete approaches towards achieving economic sustainability in many industry sectors. RIKO promotes the development and market recognition of natural fibre reinforced materials. Contact: Dr. Andreas Baar, Geschäftsstelle Göttingen, c/o Sperlich GmbH, P.O. Box 200 234, D-37087 Göttingen, Phone: +49 (0)551/4 96 01-40, Fax: +49 (0)551/4 96 01-49, Email: info@riko.net. www.riko.net

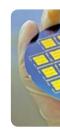
TELIAISON e V

TELIAISON (Telekommunikations Liaison Südostniedersachsen) is a registered association, in which 8 companies of the telecommunication sector and two universities of Southeast Lower Saxony have joined forces. The overall aim of TELIAISON is to raise the profile of the information and communication sector in the region, strengthen the cooperation between partner businesses and universities of the region, as well as promote the careers of young scientists. Contact: Prof. Dr.-Ing. Diederich Wermser, Hamburger Straße 273 B, D-38114 Braunschweig, Phone: +49 (0)531/7 07-34 55, Email: info@teliaison.de, www.teliaison.de



Zentrum für Mikroproduktion e.V.

The association Centre for Microproduction e.V. is a competence network in the field of micro-manufacturing. Its range of services includes research and development projects as well as the transfer of new developments into industrial applications. The association's focus is also on education and training. Contact: Dr.-Ing. Monika Leester-Schädel, c/o TU Braunschweig, Institut für Mikrotechnik, Alte Salzdahlumer Str. 203, D-38124 Braunschweig, Phone: +49 (0)531/3 91 97 81, Email: m.leester@tu-bs.de, www.zempro.de



Universities

Ostfalia Hochschule

für angewandte Wissenschaften

Ostfalia University of Applied Sciences is a modern university whose curriculum includes engineering, building and construction-, water-, soil-, health-and social sciences, law and economics. Situated in five cities (Braunschweig, Salzgitter, Suderburg, Wolfenbüttel and Wolfsburg) the university offers its approximately 7.500 students a wide range of courses. Contact: Evelyn Meyer-Kube, Salzdahlumer Straße 46/48, D-38302 Wolfenbüttel, Phone: +49 (0)5331/9 39-1 01 50, Email: info@ostfalia.de, www.ostfalia.de





Die Niedersächsische Technische Hochschule (NTH)

The Technical University Braunschweig, the Technical University Clausthal and the Leibniz Universität Hannover have joined together under the umbrella of the Lower Saxony Technical University with the aim to reorganise the disciplines of engineering and natural sciences, which have so far been competing with one another, by mutually coordinating development planning in the future. The overall aim is to combine, strengthen and improve the visibility of strategic key research areas in an interdisciplinary manner. Contact: Dr. Elisabeth Hoffmann, Pockelsstraße 14, D-38106 Braunschweig, Phone: +49 (0)531/3 91-41 22, Email: e.hoffmann@tu-braunschweig.de, www.tu-braunschweig.de/presse, www.hausderwissenschaft.org



Hochschule für Bildende Künste Braunschweig (HBK)

Artists, designers and scientists are studying in close proximity to one another at the HBK, each one according to the rules of their discipline. Research, observation and perception are thereby the shared principles of science and art, to which the university is committed. Contact: Jesco Heyl, Johannes-Selenka-Platz 1, D-38118 Braunschweig, Phone: +49 (0)531/3 91-91 23, Email: j.heyl@hbk-bs.de, www.hbk-bs.de



Technische Universität Braunschweig

The Technical University of Braunschweig is the alma mater to 12.500 students. Engineering and natural sciences form the academic core disciplines and are closely linked to economic sciences, social sciences, educational sciences, the arts and humanities. Contact: Dr. Elisabeth Hoffmann, Pockelsstraße 14, D-38106 Braunschweig, Phone: +49 (0)531/3 91-41 22, Email: e.hoffmann@tu-bs.de, www.tu-braunschweig.de

Technische Universität

Clausthal

Deeply rooted in our region, appreciated at an international level. An education at the Technical University of Clausthal is very popular among national and international companies alike. The TU Clausthal offers a wide range of courses and opportunities to consolidate existing knowledge. Emphasis is thereby placed on areas of technical application. Contact: Christian Ernst, Adolph-Roemer-Straße 2a.

D-38678 Clausthal-Zellerfeld, Phone: +49 (0)5323/72-39 04, Email: christian.ernst@tu-clausthal.de, www.tu-clausthal.de



Research Institutions, German Federal Offices & Authorities

Iulius Kühn-Institut -

Bundesforschungsinstitut für Kulturoflanzen

An authority on all things plant-related is the slogan of the JKI. The research fields of plant genetics, plant cultivation, plant nutrition, soil science, plant protection and plant health describe keyword like the work at the Federal Research Centre which has been founded on January, 2008. Contact: Dr. Gerlinde Nachtigall, Messeweg 11, D-38104 Braunschweig, Phone: +49 (0)531/2 99-32 04. Email: gerlinde.nachtigall@jki.bund.de, www.jki.bund.de



Bundesamt für Strahlenschutz (BfS)

The BfS works for the safety and protection of man and environment against damages caused by ionising and non-ionising radiation. Main tasks include radiation protection in medicine, disposal of nuclear waste and nuclear safety. Contact: Florian Emrich, Postfach 10 01 49, D-38201 Salzgitter, Phone: +49 (0)30/1 83 33-11 24, Email: femrich@ bfs.de. www.bfs.de





Bundesamt für Verbraucherschutz und Lebensmittelsicherheit (BVL)

The BVL considers itself a scientific authority responsible for providing services and management tasks in the areas of food products, feed products, commodities, plant protection products, veterinary medicinal products, genetic engineering and consumer protection. Contact: Gloria Preußendorff, Bundesallee 50, Gebäude 247, D-38116 Braunschweig, Phone: +49 (0)531/2 14 97-0. Email: poststelle@bvl.bund.de, www.bvl.bund.de



Iohann Heinrich von Thünen-Institut (vTI) Bundesforschungsinstitut für Ländliche Räume, Wald und Fischerei

The vTI has a broad approach to research with the objective to further develop agriculture, forestry and fishery in a sustainable way while taking economic, ecological and technological aspects into account. The institute develops scientific decision-making aids for political advisory work, and with its application-oriented research it gives new impulses to the development of tomorrow's society.

Contact: Dr. Michael Welling, Bundesallee 50, D-38116 Braunschweig. Phone: +49 (0)531/5 96-10 13, Email: michael.welling@vti.bund.de, www.vti.bund.de



Bundesstelle für Flugunfalluntersuchung (BFU)

The Bundesstelle für Flugunfalluntersuchung is responsible for the investigation and determination of the cause of accidents and serious incidents involving civil aircraft within Germany. This also involves the publishing of investigation reports. Safety recommendations pinpoint measures to prevent similar incidents from occurring in the future. In line with international regulations collaborating with foreign investigation authorities is often necessary. Contact: Hermann-Blenk-Straße 16, D-38108 Braunschweig, Phone: +49 (0)531/35 48 0, Email: box@ bfu-web.de, Internet: www.bfu-web.de

Deutsche Sammlung von Mikroorganismen und Zellkulturen (DSMZ)

The German Collection of Microorganisms and Cell Cultures, DSMZ, is the most important resource centre for biological materials in Europe. Scientists from all over the world order microorganisms, plant viruses. and cell lines for their research at the DSM7. Contact: Milena Wozniczka. Inhoffenstraße 7 B, D-38124 Braunschweig, Phone: +49 (0)531/ 26 16-300. Email: milena.wozniczka@helmholtz-hzi.de. www.dsmz.de



Deutsches Zentrum für Luft- und Raumfahrt (DLR)





Fraunhofer-Institut für Holz-

forschung - Wilhelm-Klauditz-Institut WKI

How can a wooden facade be preserved? How does a kitchen worktop become light and portable? Is there such a thing as fire-proof wood? Scientists at the Wilhelm-Klauditz Institute are experts on wood and can provide answers to questions on all aspects of this versatile material. Contact: Simone Peist, Bienroder Weg 54 E, D-38108 Braunschweig, Phone: +49 (0)531/21 55-208, Email: simone.peist@wki.fraunhofer.de, www.wki.fraunhofer.de





Fraunhofer-Institut für Schichtund Oberflächentechnik (IST)

How can thin films improve our everyday life? How can fuel and lubricant consumption be reduced, windows better insulated, and self-cleaning facades produced? Scientists at the Fraunhofer IST are working on solutions to these and other problems.

Contact: Dr. Simone Kondruweit, Bienroder Weg 54 E, D-38108 Braunschweig, Phone: +49 (0)531/21 55-535. Email: kon@ist fraunhofer de, www.ist fraunhofer.de



Georg-Eckert-Institut für internationale Schulbuchforschung (GEI)

The "Georg-Eckert-Institut" uses comparative educational media research to analyse different cultures of remembrance and identification processes at national and international level. This way, it contributes to intercultural mediation and conflict resolution. Contact: Verena Radkau, Celler Straße 3, D-38114 Braunschweig.

Phone: +49 (0)531/5 90-99 47, Email: radkau@gei.de, www.gei.de



Helmholtz-Zentrum für Infektionsforschung (HZI)

How do bacteria and viruses make us ill? How does the immune system respond to these pathogens? Scientists at the Helmholtz Centre for Infection Research are trying to find answers to these questions. Contact: Susanne Thiele, Inhoffenstraße 7, D-38124 Braunschweig,

Phone: +49 (0)531/61 81-14 00 . Email: susanne.thiele@

helmholtz-hzi.de. www.helmholtz-hzi.de

Internationale Forschungsgemeinschaft Futtermitteltechnik e.V. (IFF)

The International Research Association of Feed Technology IFF is the international scientific centre for process engineering for the compound feed industry and its suppliers. Investigations on aspects of process technology are the focus of the centre's research activities. Contact: R.-M. Blume. Frickenmühle, D-38110 Braunschweig-Thune, Phone: +49 (0)5307/ 92 22-12. Email: iff@iff-braunschweig.de, www.iff-braunschweig.de



Luftfahrt-Bundesamt (LBA)

The Federal Office of Civil Aviation is responsible for the defence against potential dangers, for aviation safety as well as for the safety of the general public and adherence to safety rules.

Contact: Cornelia Cramer, Hermann-Blenk-Straße 26. D-38108 Braunschweig, Phone: +49 (0)531/2 35 55 52,

Email: cornelia.cramer@lba.de, www.lba.de



Physikalisch-Technische Bundesanstalt (PTB)

The PTB is home to the second, the meter, the kilogram, the volt, the newton etc. The PTB is the German metrology institute and as such is working on all issues of measuring, ranging from basic research on the system of units, to the industrial application of complex measuring tasks, to consumer protection. The PTB is considered an authority in the measuring world at national, European and international level. Contact: Dr. Dr. Iens Simon, Bundesallee 100, D-38116 Braunschweig.

Phone: +49 (0)531/5 92-30 05, Email: jens.simon@ptb.de, www.ptb.de





Städtisches Klinikum Braunschweig

With 1.440 beds and approximately 3.750 members of staff, the hospital is one of the largest hospitals in Northern Germany. Furthermore, within the frame of clinical trials and research projects experienced partners work alongside hospital staff at the 17 clinics, 11 independent clinical departments and 6 institutes.

Contact: Marion Lenz, Freisestraße 9 – 10, D-38118 Braunschweig. Phone: +49 (0)531/5 95 15 99, Email: m.lenz@klinikum-braunschweig. de, www.klinikum-braunschweig.de

Research-based Companies



Aerodata AG

Aerodata AG is a medium-sized company, experienced in the development of highly-specialised and complex system solutions for air navigation service providers, aircraft manufacturers, operators of special purpose aircraft and helicopters, as well as renowned system and avionics manufacturers. Contact: H.-G. Niemöller, Hermann-Blenk-Straße 34 – 36, D-38108 Braunschweig, Phone: +49 (0)531/23 59-0, Email: niemoeller@aerodata.de. www.aerodata.de



AICON 3D Systems

AICON 3D Systems is a worldwide leading provider of optical camera based 3D measurement systems. AICON develops and distributes (hard- and software) system solutions for the business areas of inspection and testing, car safety, and tube inspection. Contact: Dr.-Ing. Carl-Thomas Schneider, Dr.-Ing. Werner Bösemann, Dipl.-Ing. Robert Godding, Biberweg 30 C, D-38114 Braunschweig, Phone: +49 (0)531/580 00 58, Email: info@aicon.de, www.aicon.de

ALSTOM Transport Deutschland GmbH

Alstom is a worldwide leading provider of power generation technology and service solutions in the energy sector. In the traffic sector, Alstom is among the worldwide leading providers of railway technology and rail-related services. The Salzgitter competence centre is one of the largest production facilities for rail vehicles. Contact: ALSTOM Transport Deutschland GmbH. Linke-Hofmann-Busch-Straße 1. D-38239 Salzgitter, Phone: +49 (0)5341/9 00-0, www.de.alstom.com



AMODIA Bioservice GmbH

AMODIA Bioservice GmbH provides and develops products and services for Applied MOlecular DIAgnostics. AMODIA offers CE-certified in-vitro diagnostic products (IVD) and customer-specific test-kits to monitor industrial production processes, as well as a service for the universal molecular identification of microorganisms. Contact: Dr. Sabine Peters, Ulrich Krause, Postadresse: Rebenring 31, D-38106 Braunschweig, Liefer-/Besuchsadresse: Gevsostraße 19, D-Hof, D-38106 Braunschweig Phone: +49 (0)531/2 60 17 64. Email: info@amodia.de. www.amodia.com



Auerswald GmbH & Co. KG

With a market share of approximately 20% the Auerswald GmbH is among the leading manufacturers of small and medium-sized compact and modular telephone systems for ISDN, DSL, VolP (internet telephony) and analogous telephone networks. System telephones and peripheral devices like answering machines, cordless phones etc. complete the product range. Contact: Vor den Grashöfen 1, D-38126 Cremlingen, Phone: +49 (0)5306/92 00-0, Email: info@auerswald.de, www.auerswald.de





BCC Business Communication Company

BCC designs multi-service networks which are tailored to professional needs where availability, performance and safety is concerned. The managed service provider offers network solutions for an intelligent optimisation of the business information flow. In cooperation with universities, the BCC is promoting the development of a competence centre for the development of IP-based communication systems.

Contact: Mittelweg 7, D-38106 Braunschweig,

Phone: +49 (0)531/20 84-0, Email: info@bcc.de, www.bcc.de



BIOBASE GmbH

BIOBASE is the world's leading provider of databases and software platforms for biomedical and biotechnological research. When combined, these tools allow a systems biology analysis of disease patterns and the mechanism of action of new medicinal products.

Contact: Prof. Dr. Edgar Wingender, Hauptsitz: Halchtersche Straße 33. D-38304 Wolfenbüttel, Phone: +49 (0)5331/85 84-0, Email: info@biobase-international.com, www.biobase.de



Braunschweigische

Maschinenbauanstalt AG (BMA)

Task of the BMA is to provide forward-looking technologies by using environmentally compatible solutions – worldwide. Facilities for the production and refinement of food are planned, engineered and manufactured here. Contact: Dr. Rolf Mayer und Uwe Schwanke, Am Alten Bahnhof 5, D-38122 Braunschweig, Phone: +49 (0)531/ 8 04-2 12 oder 8 04-3 50, Email: rmayer@bma-de.com, uwe.schwanke@bma-de.com, www.bma-worldwide.com



CARLECTRA GmbH

Corporate purpose is the initiation and design of projects in the business field of automotive electronics along the value chain, the marketing of regional competencies in this field, as well as the promotion of project consortiums with the objective of realising projects to establish the growing sector of automotive electronics in the Braunschweig region. Contact: Matthias Keune, Hugo-Junkers-Straße 14, D-38518 Gifhorn, Phone: +49 (0)531/9 45 44-0. Email: matthias.keune@carlectra.de. www.carlectra.de



Clausthaler Umwelttechnik-Institut GmbH (CUTEC)

Questions such as what kind of alternative energy sources can replace oil and gas, how can technical and biological processes be intensified in order to utilise resources more effectively or how can emission be reduced to preserve the environment are just some of the key issues the CUTEC GmbH is trying to find solutions for. Contact:

Dr. Thomas Heere, Leibnizstraße 21 + 23, D-38678 Clausthal-Zellerfeld. Email: thomas.heere@cutec.de, www.cutec.de



ComLoc GmbH

ComLoc is the leading system and software house for products and applications of mobile positioning technologies. We offer our customers integrated positioning and communication products for GSM, GPS, Galileo, WLAN, RFID technologies and consult and support them objectively in the implementation of complex software solutions.

Contact: Oliver Podzun, Hermann-Blenk-Straße 22, D-38108 Braunschweig, Phone: +49 (0)531/3 54 44-10,

Email: info@oecon-line.de, www.comloc.net





delair Air Traffic Systems GmbH

delair develops intelligent systems to optimise air traffic procedures at airports and in the surrounding air space. By harmonising processes of air traffic control, airport operators, airline operators and handling agents, an optimal utilisation of capacity can be achieved while at the same time pollutant emission is reduced. Contact: Dietmar Dippe, Lilienthalplatz 3, D-38108 Braunschweig, Phone: +49 (0)531/2 15 36-0, Email: info@delair.de. www.delair.de



DYNATEC Gesellschaft für CAE und Dynamik mbH

DYNATEC GmbH is a specialised provider of innovative engineering services and software in the fields of: construction in 3D-design. static and dynamic FEM-simulation and optimisation, simulation of flows and fluid-structure interactions, as well as prototyping and experimental investigations, Contact: Dr.-Ing, Gerd Telliohann, Dr. Ing. Sven Dannemeyer, Adam-Opel-Straße 4, D-38112 Braunschweig, Phone: +49 (0)531/23 62 33-0, Email: info@dynatec.de, www.dynatec.de



ETALON AG

Etalon AG provides custom-made system solutions for production metrology. The key competencies of ETALON lie in the calibration, monitoring and accuracy enhancement of measuring machines and machine tools. Contact: Dr. Heinrich Schwenke, Bundesallee 100, D-38116 Braunschweig, Phone: +49 (0)531/592-1970, Email: info@etalon-ag.com, www.etalon-ag.com

etamax space GmbH

Software quality and safety are the key concerns of etamax space GmbH. According to the maxim "Safety – wherever you go", etamax space GmbH develops and tests safety critical software and systems for applications in the aviation and aerospace industry, railway technology and automotive industry. Contact: Dipl.-Ing. Holger Sdunnus. Dipl.-Ing. Ralf Westerkamp, Richard-Wagner-Straße 1, D-38106 Braunschweig, Phone: +49 (0)531/38 02-4 00, Email: info@etamax.de, www.etamax.de



geniaLab®BioTechnologie -

Produkte und Dienstleistungen GmbH

The task of the company is to develop and manufacture encapsulated products for application areas such as cosmetics, personal hygiene and household cleaning products, pet food, biocatalysis, and technical chemistry, Contact: Dr. Ulrich Jahnz, Dr. Peter Wittlich, Büchnerstraße 7. D-38118 Braunschweig, Phone: +49 (0)531/12 99 98-0, Email: info@genialab.com, www.genialab.de



Gesellschaft für Anlagenund Reaktorsicherheit (GRS) mbH

GRS focuses on applied research on the safe final storage of radioactive and chemical toxic waste in deep geologic formations. GRS carries out experiments in its laboratories at Braunschweig, as well as in collaborations with international partners at underground laboratories. GRS is a leader in the development and application of methods and numerical models for long-term safety analysis. Contact: Dipl.-Geophys. Tilmann Rothfuchs, Theodor-Heuss-Straße 4, D-38122 Braunschweig, Phone: +49 (0)531/8012-2 26, Email: tilmann.rothfuchs@grs.de, www.grs.de



Gesellschaft für Organisation und Datenverarbeitung mbH (GOD)

GOD assists companies which need individual software and special solutions due to their size, market position and specific requirements. The process- and technology-oriented consulting is not sectorspecific. GOD offers complete software solutions for the implementation of IT projects. Contact: Dietmar Führmann, Mittelweg 7, D-38106 Braunschweig, Phone: +49 (0)531/2 37 67-21, Email: dietmar.fuehrmann@god.de, www.god.de



GKE Consult Beratende Ingenieure GmbH

Based in Bochum/Braunschweig, GKE Consult works as independent planning engineering company, both at home and abroad. The range of services includes urban water resource management, urban drainage. effluent disposal, industrial biogas plant technology, road and traffic planning, traffic route engineering, road traffic and traffic control. Contact: CEO Dr.-Ing. Olaf Schulz, Dipl.-Ing. Jürgen Koppetsch, Roonstraße 11, D-38102 Braunschweig, Phone: +49 (0)531/2 88 91-0, Email: braunschweig@gke-consult.de, Internet: www.gke-consult.de

Industrielle Prozess- und Regeltechnik GmbH (IPR GmbH)

IPR works on the production and distribution of computer-aided equipment for process and control technology. Key aspects are, amongst others, quality assurance systems, control-, measuring- and electronic systems for applications in the railway and automotive industry, development and manufacturing of medical devices, electronic components for industrial and automotive applications as well as software architectures in the field of "embedded development". Contact: Querumer Straße 3, D-38104 Braunschweig, Phone: +49 (0)531/2 35 13 82, Email: info@ipr-bs.de, www.ipr-bs.de

Ingenieurgesellschaft

Auto und Verkehr GmbH (IAV)

As internationally oriented company, IAV offers a multitude of engineering services in the business fields of electronics-, powertrain- and vehicle development. Over 3,000 engineers, software developers and mechatronic engineers work for IAV worldwide, with inventive talent and passion. Leading automobile manufacturers and component suppliers place their trust in them. Contact: Dipl.-Ing. Michael Znamiec. Nordhoffstraße 5, D-38518 Gifhorn, Phone: +49 (0)5371/8 05-0, Email: michael.znamiec@iav.de, www.iav.de



InnoChemTech GmbH

In addition to being a research and technology company, InnoChemTech is also an innovative service provider catering for the specific needs of individual customers by providing unique products and excellent technologies. ICT specialises in research, development and production in the field of "Drug Discovery".

Contact: Dr. Ion Neda, Dipl.-Chemiker, Hagenring 30, D-38106 Braunschweig, Phone: +49 (0)531/2 70 36 00, Email: mail@innochemtech.de, www.innochemtech.de



Institut für angewandte

Funksystemtechnik GmbH (IAF)

IAF carries out application-oriented research and development projects in the field of digital radio transmission technology. IAF focuses its activities on digital radio transmissions with high data rates for applications in mobile communication and digital broadcasting.

Contact: Berliner Straße 52 J, D-38104 Braunschweig,

Phone: +49 (0)531/3 79 88-0, Email: info@iaf-bs.de, www.iaf-bs.de





Institut für Materialprüfung und Werkstofftechnik Dr. Neubert GmbH

The institute for materials testing and materials engineering covers a broad range of areas such as metal-based materials, corrosion protection, wear and fatigue of materials, troubleshooting and analysis, welding, brazing and soldering, and adhesive bonding, metallurgy and founding, abrasion and tribocorrosion. Contact: Prof. Dr. Ing. Volkmar Neubert, Freiberger Straße 1, D-38678 Clausthal-Zellerfeld, Phone: +49 (0)5323/ 9 89 80. Email: volkmar.neubert@tu-clausthal.de, www.dngmbh.de



IntegNav GmbH

IntegNav GmbH offers a wide spectrum of services for complex requirements and technical realisations in the navigation sector ranging from concept development to consulting services regarding certification tasks, to software development, to data evaluation and training in all relevant areas. Contact: Carsten Butzmühlen, Hermann-Blenk-Straße 27, D-38108 Braunschweig, Phone: +49 (0)531/391-98 22, Email: info@ integnav.de, www.integnav.de



Intel GmbH

Intel, the worldwide leading company in the field of semiconductor innovation, has been present in Braunschweig since acquiring its site in the year 2000. Engineers at Braunschweig explore and develop new technologies and work on the development of the next-generation multi-core microprocessors. Contact: Nikolaus Lange (Entwicklungsleiter), Theodor-Heuss-Straße 7, D-38122 Braunschweig, Phone: +49 (0)531/8 66-61 01, Email: nikolaus.lange@intel.com, www.intel.com

Invent GmbH

Invent GmbH is a recognized engineering specialist in the fibre composite technology sector. Besides the development of structure components for the aerospace sector, activities are focused on the competency area "Research and Development", whereby the main focus lies in material development and the establishment of new processes and manufacturing technologies. Contact: Christian-Pommer-Straße 34, D-38112 Braunschweig, Phone: +49 (0)531/2 44 66-0, Email: info@invent-gmbh.de, www.invent-gmbh.de



LINEAS

Informationstechnik GmbH

LINEAS Informationstechnik GmbH is a dynamic software and consulting house focused on providing individual software solutions as well as IT-services to reduce the complexity of business processes. The service portfolio of LINEAS Informationstechnik also includes the field of "mobile solutions". Contact: Wolfgang Moll, Theodor-Heuss-Straße 2. D-38122 Braunschweig, Phone: +49 (0)531/88 52-10 00. Email: info@lineas.de. www.lineas.de



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Mavionics GmbH develops and distributes autonomous aerial vehicles for all application areas with a mass of up to several kilograms. The micro aerial vehicles are unique as they weigh only a few 100 grams and have a wing span of less than 1 m. The complete system includes the aerial vehicle, ground control station, data link as well as development and integration of the individual payload for the customer. The on-site user training completes the service. Contact: Dipl.-Ing. Marco Buschmann. Hermann-Blenk-Straße 23. D-38108 Braunschweig. Phone: +49 (0)531/3 91-99 71, Email: info@mavionics.de, www.mavionics.de





messWFRK GmbH für Mess- und Anzeigetechnik

As a service provider messWERK develops, distributes, and provides high precision measurement systems for the testing of aircraft and vehicles. Compact data collection and versatile sensor systems are as much part of the service portfolio as software for data analysis and visualisation. Contact: Dipl.-Ing. Matthias Cremer, Hermann-Blenk-Straße 27, D-38108 Braunschweig, Phone: +49 (0)531/3 91-98 11, Email: info@messwerk-gmbh.de, www.messwerk-gmbh.de



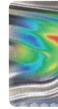
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The largest international site for rail automation is the "think tank" for the rail transportation of today and tomorrow. Siemens Braunschweig is one of the largest employers in the region and an important economic factor. Contact: Annette Lemke, Ackerstraße 22, D-38126 Braunschweig, Phone: +49 (0)531/2 26-20 47, Email: annette.lemke@siemens.com, www.siemens.com/mobility



Simtec simulation technology GmbH

Simtec Simulation Technology GmbH is a high tech company in the simulation technology sector and one of the worldwide leading system providers for realistic simulation of complex motional processes in all six degrees of freedom. Application areas are driving and flight simulation, test beds and entertainment.

Contact: Hermann-Blenk-Straße 34, D-38108 Braunschweig, Phone: +49 (0)531/2 15 39-0, Email: info@simtec.de,

www.simtec-systems.de





SincoTec Bauteil-Prüftechnik GmbH

SincoTec is a manufacturer of dynamic test equipment for the fields of resonance test technology, servo hydraulic, servo pneumatic and specialized test equipment. In addition, SincoTec operates a test laboratory with approximately 100 test stands to test the dynamic load of components and material samples. Contact: SincoTec Bauteil-Prüftechnik GmbH. Freiberger Straße 13. D-38678 Clausthal-Zellerfeld. Phone: +49 (0)5323/96 92-0, Email: info@sincotec.de, www.sincotec.de



s m s smart microwave sensors GmbH

As a medium-sized company with approximately 40 employees, we develop, produce and market ultra-modern and high-performance radar sensor solutions for automotive and industrial applications. Our key concerns are constant improvement and optimisation of our products, meeting customer-specific requirements and the highest possible quality standard. Contact: Dr. Ralph Mende, Mittelweg 7, D-38106 Braunschweig, Phone: +49 (0)531/3 90 23-0,

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SOLVIS GmbH & Co KG

SOL, the sun – VIS, the power: Solvis is the leading technology manufacturer for solar heating systems and solar absorbers in the European market. The systems can reduce energy consumption by up to 50 percent. Products are manufactured in carbon-neutral processes in Europe's largest zero-emission factory – the entire energy demand is covered by the use of solar energy and energy generated from rapeseed oil. Contact: Grotrian-Steinweg-Straße 12, D-38112 Braunschweig,

Phone: +49 (0)531/2 89 04-0, Email: info@solvis-solar.de, www.solvis.de

Sternico GmbH

Sternico offers software development and technology consulting in the field of industrial automation and business applications. By embracing both fields Sternico develops innovative IT solutions of the highest quality which are ideally suited to meet individual requirements.

Contact: Dipl.-Ing. Sico Algermissen, Dreimännerstraße 5, D-38176 Wendeburg, Phone: +49 (0)5303/97 94-0, Email: S.Algermissen@sternico.com, www.sternico.com



TLK-Thermo GmbH

TLK-Thermo GmbH's business activities include analysis of thermal systems, heat transfer, and user-specific software solutions. Longstanding experience in the field of mobile air-conditioning and refrigeration systems, in particular carbon dioxide systems, provides the basis for the services offered which focus on simulations and measurements of thermal systems and their components.





TRACE

Analytics GmbH

TRACE Analytics GmbH is one of the leading providers of on-line analysis systems for the monitoring of complex biotech cultivation processes which are employed in research and development, as well as in pharmaceutical production processes. Contact: Frau Brüling, Richard-Wagner-Straße 1 – 2, D_38106 Braunschweig,

Phone: +49 (0)531/38 02-3 00, Email: info@trace.de, www.trace.de



TransferTech GmbH

TransferTech is an internationally active company founded in 1989 to utilize new research findings for industrial and commercial applications. The company operates in the software as well as the (specific) hardware sector and offers products and services for both fields. Softcomputing technologies and RFID systems for goods identification and tracking are key issues in this context. Contact: Gerhard Pogrzeba, Eichendorffstraße1, D-38110 Braunschweig, Phone: +49 (0)5307/4 90 91 60, Email: info@transfertech.de, www.transfertech.de



u m i Informatik GmbH

The aim of u m i Informatik GmbH is to create accessible information and communication technologies for personnel in the public health sector and to find solutions ideally suited to individual needs. Our key focus areas lie in the development of individual hard- and software solutions for institutions of the public health sector. Interdisciplinary know how in the field of medical informatics allows us to provide applicationoriented consultation to clients, Contact: Dr. Nils Hellrung, Hamburger Straße 273 B, D-38114 Braunschweig, Phone: +49 (0)531/12 16 76-90, Email: info@umi-gmbh.de, www.umi-gmbh.de



Unisolo GmbH

Unisolo GmbH is a system house for software solutions with the main focus on data bases (Oracle). Tasks include conception and implementation of custom-made and project-specific software solutions (for automotive, aerospace, public health applications) and development of standard solutions for the public health sector.

Contact: Gaußstraße 7. D-38106 Braunschweig.

Phone: +49 (0)531/1 21 61-0, Email: info@unisolo.de, www.unisolo.de

VFHICO GmbH

Unmanned vehicle testing, steering machines, pedal actuators – VEHICO GmbH is the sole provider in Germany to offer products and engineering services revolving around these issues, whereby the latest research findings of the company's founders in the field of vehicle control provide the basis. Only recently a steering machine for the objectification of driving dynamic measurements has been launched. Contact: Dr.-Ing. Lothar Ganzelmeier, Dr.-Ing. Jörg Helbig, Rebenring 33, D-38106 Braunschweig, Phone: +49 (0)531/38 04-321, Email: info@vehico.com, www.vehico.com



Volkswagen Konzernforschung

How do you build eco-friendly cars? Which materials will be used in car construction 15 years from now? How do we ensure the continued mobility of our customers? Or more generally: What will the future be like? Volkswagen corporate research provides answers.

Contact: Frau Dr. Natascha Künstner, Volkswagen Konzernforschung, D-38436 Wolfsburg, Phone: +49 (0)5361/9-2 20 34.

Email: natascha.kuenstner@volkswagen.de, www.volkswagen.de



Museums and Cultural Institutions



Braunschweigisches Landesmuseum, Niedersächsische Landesmuseen Braunschweig

The State Museum of Braunschweig is one of the largest history museums in Germany and is sponsored by the state of Lower Saxony. In addition, the Jewish Museum, which is located in the State Museum of Braunschweig, showcases the Jewish history in Northern Germany. Contact: Silke Röhling, Kommunikation, Burgplatz 1, D-38100 Braunschweig, Phone: +49 (0)531/12 25-24 42, Email silke.roehling@haum.niedersachsen.de



Herzog Anton Ulrich-Museum Kunstmuseum des Landes Niedersachsen (HAUM)

HAUM is ranked among the major art museums in Germany and is one of the oldest museums in Europe. Its worldwide recognition stems from the outstanding quality and international range of its collection which includes masterpieces of Rembrandt, Rubens and Vermeer, outstanding art from the Far East and Middle America and a collection of baroque art. Contact: Silke Röhling, Kommunikation, Museumstraße 1, D-38100 Braunschweig, Phone: +49 (0)531/12 25-24 42, Email: silke. roehling@haum.niedersachsen.de, www.museum-braunschweig.de

Herzog August

Bibliothek Wolfenbüttel

The Herzog August Library is one of the oldest preserved libraries still intact worldwide. Today it is a central research and study location for European cultural history of the medieval times and early modern history. Special exhibitions in the impressive museum hall show valuable manuscripts and old prints.

Contact: Antje Dauer, Lessingplatz 1, D-38304 Wolfenbüttel, Phone: +49 (0)5331/80 82 13. Email: dauer@hab.de, www.hab.de



Staatliches Naturhistorisches Museum Braunschweig

Scientists from all over the world are interested in the natural history collection at Braunschweig and exchange information with the museum which publishes its own series of work papers. The museum's fields of research are systematic zoology and palaeontology.

Contact: Prof. Dr. Ulrich loger, Pockelsstraße 10, D-38106 Braunschweig. Phone: +49 (0)531/288 92 0, Email: ulrich.joger@snhm.niedersachsen. de, www.naturhistorisches-museum.de



phæno –

die Experimentierlandschaft

On an exhibition area covering some 9.000 square meters, visitors can discover the fascinating world of natural science and technology at the phæno – Germany's unique experimental landscape. 300 interactive experimental stations, hands-on visitor laboratories, an ideas forum and a science theatre invite visitors to experience natural scientific phenomena. Contact: phæno gGmbH, Willy-Brandt-Platz 1, D-38440 Wolfsburg, Phone: +49 (0)180/10 60 60 0, Email: entdecke@phaeno.de, www.phaeno.de

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