











## Photonics and Optics Companies & Institutes

	Photonics and Optics Companies and Institutes	Competences
	<b>AEMtec GmbH</b> <a href="mailto:info@aemtec.com">info@aemtec.com</a> <a href="http://www.aemtec.com">www.aemtec.com</a>	<i>Development, qualification, industrialization and production of miniaturized complex assemblies through using high-end chip-level-Technologies e.g. COB or Flip Chip.</i>  <i>The quality management system has been certified to ISO/TS 16949:2002.</i>
	<b>AdiOptica Optical Systems GmbH</b> <a href="mailto:info@adloptica.com">info@adloptica.com</a> <a href="http://www.adloptica.com">www.adloptica.com</a>	<i>Beam shapers for refractive optics, Computer Generated Holography (CGH), holographic projection processing applications, holographic lithography, optical trapping and laser illumination in confocal microscope.</i>
	<b>ADVA optical Networking</b> <a href="mailto:info@advaoptical.com">info@advaoptical.com</a> <a href="http://www.advaoptical.com">www.advaoptical.com</a>	<i>products for network automation, dynamic routing and scalability</i>
	<b>Advanced Laser Diode Systems A.L.S. GmbH</b> <a href="mailto:info@alsgmbh.de">info@alsgmbh.de</a> <a href="http://www.alsgmbh.com">www.alsgmbh.com</a>	<i>Research, development and production of lasers and laser systems: Diode Laser Systems, Picosecond Diode Laser, Microchip Laser</i>
	<b>Analytik Jena AG</b> <a href="mailto:info@analytik-jena.de">info@analytik-jena.de</a> <a href="http://www.analytik-jena.de">www.analytik-jena.de</a>	<i>Development of high-performance components such as optics and electronics for analytical measurement of Analytik Jena AG</i>
	<b>art photonics GmbH</b> <a href="mailto:info@artphotonics.com">info@artphotonics.com</a> <a href="http://www.artphotonics.com">www.artphotonics.com</a>	<i>World's leading manufacturer and supplier of InfraRed chalcogenide and polycrystalline specialty optical fibers, spectroscopy fiber probes and fiber bundles, high power fiber cables for industrial and medical application.</i>
	<b>ATN Automatisierungstechnik Niemeier GmbH</b> <a href="mailto:info@atn-berlin.de">info@atn-berlin.de</a> <a href="http://www.atn-berlin.de">www.atn-berlin.de</a>	<i>Developer, producer and distributor of components, systems and software for the manufacturing of electronics. Focus of activities is the automated single point soldering.</i>
	<b>BESTEC GmbH</b> <a href="mailto:info@bestec.de">info@bestec.de</a> <a href="http://www.bestec.de">www.bestec.de</a>	<i>Design and production of customized vacuum systems, satisfying high-end requirements in vacuum science, precision mechanics, optics and automation: - Vacuum systems for Surface Analysis and Deposition - Equipment for High Energy Physics - Special equipment</i>
	<b>Brilliance Fab Berlin GmbH &amp; Co. KG</b> <a href="mailto:info@berlin-bfb.de">info@berlin-bfb.de</a> <a href="http://www.berlin-bfb.de">www.berlin-bfb.de</a>	<i>BFB advances FBHs semiconductor technology for direct industrial applications for the Chinese market by integration holographic grating, lenses, mirrors and other optical elements into compact modules. A second issue is to distribute the High-quality LED-lightings of the Chinese holding enterprise Sino Nitride Semiconductor CO., LTD (SNS) throughout Europe.</i>
	<b>Bober - Optosensorik und Meßtechnik GbR</b> <a href="mailto:support@bober-optosensorik.de">support@bober-optosensorik.de</a> <a href="http://www.bober-optosensorik.de">www.bober-optosensorik.de</a>	<i>Mayor activities: development and production of intelligent opto-sensoric automatisisation systems. All compartments of the optical sensor system (hardware and software) are developed in-house, so tailor-made solutions are possible.</i>
	<b>Bruker Nano GmbH</b> <a href="mailto:info@bruker-nano.de">info@bruker-nano.de</a> <a href="http://www.bruker-nano.de">www.bruker-nano.de</a>	<i>Development, production, and sales of energy disperse X-ray spectroscopy (EDXRS) systems and components. Development, production, and sales of devices for element analysis by x-ray spectroscopy. Development and sales of EDAX and RFA-analysis systems as well as RFA-layer thickness measuring devices</i>
	<b>BST International GmbH</b> <a href="mailto:info@bst-international.com">info@bst-international.com</a> <a href="http://www.bst-international.com">www.bst-international.com</a>	<i>Video web inspection systems, colour and cut register control systems, 100% print defect detection systems, print management systems, Web guiding control systems, automation systems</i>
	<b>CANLAS Laser Processing GmbH</b> <a href="mailto:info@canlas.de">info@canlas.de</a> <a href="http://www.canlas.de">www.canlas.de</a>	<i>Customer oriented laser system design and implementation as well as optimization of manufacturing processes.</i>
	<b>ColVisTec AG</b> <a href="mailto:info@colvistec.de">info@colvistec.de</a> <a href="http://www.colvistec.de">www.colvistec.de</a>	<i>Manufacture and Distribution of products for industrial colour measurement and realtime monitoring and controlling of processes</i>














Photonics and Optics Companies and Institutes	Competences
 <b>Corning Cable Systems GmbH &amp; Co KG.</b> torsten.nath@corning.com www.corning.com	<i>Corning Cable Systems, part of the Corning Incorporated telecommunications segment, is a leading manufacturer of fiber optic communications system solutions for voice, data and video network applications worldwide.</i>
 <b>Crystal Photonics GmbH</b> info@crystal-photonics.com www.crystal-photonics.com	<i>Highly qualified producer of special Nuclear Radiation Detectors for different applications, basing on latest solid-state and semiconductor materials technologies.</i>
 <b>C2GO inprocess solutions</b> claus.heitmann@c2go.de www.c2go.de	<i>development and implementation of individual processes and complex process chains used for the manufacturing of electro-mechanical and electro-optical subassemblies and modules including the production of mechanical / functional samples and pre-production quantities; setup customer specific pilot lines; support customers within product / process qualification and transferring products and processes to high volume manufacturing locations</i>
 <b>II-VI DIRECTPHOTONICS GmbH</b> info.directphotonics@ii-vi.com www.directphotonics.com/	<i>Developer and manufacturer of ultra-high brightness direct diode lasers for application in industrial manufacturing with optical output power levels up to the multi kilowatt range. II-VI DIRECTPHOTONICS is a division of the American photonics company II-VI, Inc. which provides an extended part of optical components of photonics value chain.</i>
 <b>DermoDyne HealthCare Aktiengesellschaft</b> info@dermodyne.de www.lichtklinik.de	<i>Maximum benefit of interaction between biophysical technologies for diagnosis and therapy, f. ex. optical rays and human tissue</i>
 <b>Deutsches Zentrum für Luft- und Raumfahrt e.V.</b> www.dlr.de/Berlin	<i>Involved in all major European missions of planetary research venturing out into our Solar System.  Involved with the NASA/ESA/ASI mission to Saturn and Titan, Cassini-Huygens. The institute played a key role in the development of the Rosetta comet mission and this effort continues with the Corot mission, searching for extrasolar planets.</i>
 <b>Dr. Michael Himmelhaus - nanoBioAnalytics</b> info@nanobioanalytics.com www.nanobioanalytics.com	<i>Development and production of micro- and nano-optical instruments with applications in optical sensing and biochemistry by using microscopic polymer latex particles as whispering gallery mode sensors for the...</i> <i>...measurement of the uptake of microparticles by living cells.</i> <i>...measurement of local concentrations of chemical species,</i> <i>...control of particle coating procedures and related treatments,</i> <i>...measurement of adsorbates on the particle surface</i>
 <b>eagleyard Photonics GmbH</b> joerg.muchametow@eagleyard.com www.eagleyard.com	<i>Manufacturer of high power laser diodes which combine maximum power, highest durability and excellent beam quality. Laser diodes available at wavelengths ranging from 720 to 1120 nm and are well suited for medical, scientific and industrial applications.</i>
 <b>Everest Scientific</b> info@biotec-analytics.de www.biotec-analytics.de	<i>Quantitative infrared-spectroscopic analysis, automatic freezing-point determination in milk, Osmometers for concentration analysis of aqueous solutions, electronical and electrical engineering, development and research, optics and optoelectronics, Process Analytical Technology, Analysis of food and pharmaceutical products</i>
 <b>Ellex Deutschland GmbH</b> Germany@ellex.com www.ellex.com/de/	<i>Ellex develops and markets laser and diagnostic imaging equipment for ophthalmology. Ellex devices offer a gentle alternative for visual impairments and eye diseases such as cataracts, glaucoma or retinal diseases.</i>
 <b>Ferdinand-Braun-Institut, Leibniz-Institut für Höchstfrequenztechnik (FBH)</b> fbh@fbh-berlin.de www.fbh-berlin.de	<i>Research of cutting-edge technologies in the fields of microwave technology and optoelectronics. High-frequency devices and circuits for communication and sensor technology as well as high-power diode lasers for materials processing, laser technology, medical technology and high precision metrology.</i>
 <b>FCC FibreCableConnect GmbH</b> m.pulka@fibrecableconnect.de www.fibrecableconnect.de	<i>Development, production and distribution of fiber-optic components, cables and systems as well as prototype development and repairs for the high technology sector, in particular for laser technology, medicine and biotechnology and automobile industry. All bundles and cables are designed according to customer specifications. Single and multimode fibers for wavelength 190nm-2300nm.</i>





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 <b>FISBA Photonics GmbH</b>  info@fisba.ch www.fisba.ch	<i>One of the world's leading companies for optical systems, laser, and tailor made light systems as well as asphärics and micro optical components and microsystems. FISBA Photonics in Berlin deals in Biophotonics.</i>
 <b>FMB Feinwerk- und Meßtechnik GmbH</b>  info@fmb-berlin.de www.fmb-berlin.de	<ul style="list-style-type: none"> <li>- Ultra-high vacuum systems and components (vacuum chambers, radiation absorbers, tapers)</li> <li>- Front Ends und Beamlines (double crystal monochromators, grating monochromators, mirror systems, beamline diagnostics, aperture and slit systems, filtering systems, bremsstrahlung shutters, photon shutters)</li> <li>- Systems and components for research and industry developed according to customer requirements</li> </ul>
 <b>FOC Fibre Optical Components GmbH</b>  info@foc-fo.de www.foc-fo.de	<i>global operating developer and manufacturer of passive optical components and systems for telecommunication industry and bordering branches; own development: FTTx-System CFS (City Fibre System) to configure optical access networks in the last mile to customer</i>
 <b>F&amp;T Fibers and Technology GmbH</b>  MKreitell@fibersandtechnology.com www.fibersandtechnology.com	<i>More than 20 year of experience in development and production of highest quality fibres for optical data transfer as well as for all kinds of industrial, medical, and military applications</i>  <i>Complete technological lines for conditioning, preform preparation, and production of fibres / cables.</i>
 <b>5micron GmbH</b>  info@5micron.de www.5micron.de	<i>Optical Measurement Techniques for non standard applications as:</i> <ul style="list-style-type: none"> <li>- miniaturized devices for minimal invasive measurement (e.g. early defect detection in very small technical cavities)</li> <li>- highly precise measurement on big or remote objects</li> <li>- geometrical measurements of hidden structures</li> <li>- geometry measurements in harsh environment (e.g. for in flight aircraft applications)</li> <li>- in field or mobile measurement systems</li> <li>- measurements for predictive maintenance</li> <li>- consulting for customized measurements</li> </ul>
 <b>Forth Dimension Displays Ltd.</b>  ncartwright@forthdd.com www.forthdd.com	<i>A leading provider of high-resolution microdisplays and a subsidiary of Kopin Corporation, listed at NASDAQ. High Performance Microdisplays - Time Domain Imaging - Proprietary imaging technology for a superior image on a single chip. Premium near eye images for military, medical and virtual reality applications. Growth Business: Microdisplays of higher resolutions and specialist projection systems.</i>
 <b>GOS Gesellschaft zur Förderung angewandter Optik, Optoelektronik, Quantenelektronik und Spektroskopie e. V.</b>  gos@gos-berlin.de www.gos-berlin.de	<i>Promotion of research in applied optics, opto-electronics, quantum-electronics and spectroscopy via all possibilities, especially</i> <ul style="list-style-type: none"> <li>- execution of scientific events and tutorials,</li> <li>- allocation of research assignments,</li> <li>- co-ordination, promotion, and substantial support of research</li> </ul>
 <b>Greateyes GmbH</b>  info@greateyes.de www.greateyes.de	<i>Developer and manufacturer of high performance digital cameras for imaging and spectroscopy purposes. Additionally, the product range covers inspection systems for solar cells and solar modules in order to detect invisible defects and to maintain their quality.</i>
 <b>Karlheinz Gutsche GmbH</b>  info@gutsche-feinoptik.de http://www.gutsche-feinoptik.de/en	<i>Long term manufacturer achromatic objectives, rod lenses and compact objectives AND micro optics with a diameter range between 0.5 and 10 mm of highest quality for customers all over the world</i>
 <b>HoloEye Photonics AG</b>  contact@holoeeye.de www.holoeeye.com	<i>Research, development, and production of Spatial Light Modulators, Diffractive Optics (DOE), and LCOS Microdisplays</i>
 <b>Humboldt-Universität zu Berlin - Institut für Physik</b>  www.physik.hu-berlin.de	<i>The department of Physics at the "Humboldt-University of Berlin" does research in the fields:</i> <ul style="list-style-type: none"> <li>- Elementary Particle Physics</li> <li>- Condensed Matter Physics</li> <li>- Macromolecules / Complex Systems</li> <li>- Optics / Photonics</li> </ul>



Photonics and Optics Companies and Institutes		Competences
	<b>Helmholtz-Zentrum Berlin für Materialien und Energie GmbH, Elektronenspeicherring BESSY II</b>  info@helmholtz-berlin.de www.helmholtz-berlin.de	<i>HZB operates two large scale scientific facilities for investigating the structure and function of matter: the research reactor BER II, for experiments with neutrons, and the electron storage ring BESSY II, producing an ultra bright photon beam ranging from Terahertz to hard X-rays.</i>
	<b>Institut für angewandte Photonik e. V.</b>  wedell@iap-adlershof.de www.iap-adlershof.de	<i>Non-profit, non-university research institute for basic and applied research in photonics with specialisation in X-Ray Physics and X-Ray technology. Core competences: Practical X-Ray Fluorescence Analysis, Photonic crystal fibers for Laser applications. Organisation of Workshops, Conferences and Exhibitions for the above fields as well as advanced training courses like "PRORA", which is the abbreviation of Practical X-Ray Fluorescence Analysis ("Prozessnahe Röntgenanalytik") combined with an exhibition of leading device producers for professionals from Germany and Europe.</i>
	<b>IfG - Institute for Scientific Instruments GmbH</b>  info@ifg-adlershof.de www.ifg-adlershof.de	<i>Development, manufacture and sale of X-ray fibre optics, X-ray energy filters, and capillary optics, application of these system solutions in the field of analysis technology, especially XRF. Special developments for cryogenic engineering.</i>
	<b>Ingenieurbüro für Geräte der Lasertechnik</b>  mgabbert@physik.tu-berlin.de	<i>Laser Technology, Optics and Optoelectronics</i>
	<b>INURU GmbH</b>  mail@inuru.de https://www.inuru.de/technology	<i>low-cost printable OLED-like inks</i>
	<b>IRIS Adlershof</b>  rabe@physik.hu-berlin.de www.iris-adlershof.de	<i>IRIS Adlershof interlinks Humboldt University with relevant non-university research institutions and innovative companies for the exploration of novel hybrid materials and functional systems with previously inaccessible optical, electronic, mechanical, and chemical properties.</i>
	<b>Leibniz-Institut für Analytische Wissenschaften - ISAS - e. V.</b>  info@isas.de www.isas.de	<i>ISAS seeks solutions to analytical problems and to this end develops new or improved measuring principles, methods and instruments. Research and development at ISAS focus on spectroscopical methods and on the analytical contribution to solving problems in material and life science. Interdisciplinary cooperation of physicists, (bio-)chemists and biologists.</i>
	<b>JENOPTIK Diode Lab GmbH</b>  info-diodelab.lm@jenoptik.com www.jenoptik.com	<i>Specialization in the production of top-quality semiconductor material used for the development and manufacturing of high-power diode lasers.  Established as a spin-off of the Ferdinand-Braun-Institut für Höchstfrequenztechnik (FBH).</i>
	<b>JNC Corporation AG</b>  info@jnc-corp.de www.jnc-corp.co.jp/english	<i>Coming from the Japanese chemical industry JNC develops liquid crystal materials developed with state-of-the-art electronics techniques and ES fibers amongst many other materials in almost all technology fields</i>
	<b>KOMLAS - Optische Komponenten und Lasersysteme GmbH</b>  mail@komlas.de www.komlas.de	<i>Specialization in laser technology, in particular of the following product range: - optical components like laser mirror and lenses, ATR-prisms - laser cavities and filter plates - laser welding system - training system for training and demonstration purposes</i>
	<b>Laser Mikrotechnologie Dr. Kieburg GmbH</b>  info@laser-microtech.de www.laser-microtech.de	<i>Development and production of customer focused laser equipments for marking and structuring down to micrometer sizes. The lasertech-services include: industrial marking, laser engraving, micromachining, precision cutting, precision welding, application with materials, application in industries.</i>
	<b>Laser Electronics GmbH</b>  info@laser-electronics.com www.laser-electronics.com	<i>design and manufacturing of innovative laser diode controllers, laser diode drivers, TEC drivers and heat sinks for high power laser diodes, laser arrays and laser stacks</i>

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 <p>LensWista AG kontakt@lenswista.com www.lenswista.com</p>	<p>Core business is the production and distribution of a new type of contact lenses which can be used non-stop for up to three month. Further future business fields are pharmaceutical lenses (i. e. use for glaucoma therapy) as well as self sterilising lenses. More over, the transfer of the LensWista-Technology to other medical products is aspired.</p>
 <p>Limmer Laser GmbH info@limmerlaser.de www.limmerlaser.de</p>	<p>Manufacturer of a broad portfolio of medical lasers and accessories. Among others, its product range includes CO2 Lasers, Diode Lasers as well as Er:YAG Lasers and offers effective solutions for all major disciplines of modern medicine; newest product: laser especially for prostate treatments with more than 200 Watts of power and the distinct treatment mode LFD Advance.</p>
 <p>LLA Instruments GmbH mail@lla.de www.lla.de</p>	<p>Manufacturer and supplier of imaging spectral analytical measurement devices and multiplexed spectral analytical measurement devices. The devices are used for the evaluation of material streams in process control and quality control. LLA is a leader in the sales of measurement technology for the identification of plastics in waste sorting as well as classification of waste paper. In scientific applications LLA's hyper spectral cameras find a wide application field.</p>
 <p>Loptek GmbH &amp; Co. KG info@loptek.de www.loptek.de</p>	<p>fs-laser-written fiber Bragg sensors for temperature and strain measurement; customer-specific solutions for all aspects of light guides and fiber optic system components</p>
 <p>LTB Lasertechnik Berlin GmbH info@ltb-berlin.de www.ltb-berlin.de</p>	<p>Developers and manufacturers of modern laser technology, from the UV to the NIR range. Providers of tools for a wide range of scientific research and industrial applications. Several series of compact nitrogen lasers, dye lasers and frequency doublers, also different kinds of high-resolution spectrometers. Products are used in laser induced fluorescence spectroscopy LIF, MALDI TOF mass spectroscopy, surface analysis, highly sensible detection in biotechnology and genetic engineering, laser-induced plasma spectroscopy LIPS and lithography.</p>
 <p>L.U.M. Gesellschaft für Labor-, Umweltdiagnostik und Medizintechnik mbH info@lum-gmbh.com www.lum-gmbh.com</p>	<p>Production of analytical devices for dispersion analysis and particle characterization in the field of fluid mechanics, rheology and colloid chemistry. The produced measuring equipment is used for the fast, reliable and comprehensive characterization of any demixing phenomena in dispersions. The innovative devices are part of standard laboratory equipment in leading international companies of chemical, food, cosmetics and pharmaceutical industries.</p>
 <p>G. Lufft Mess- und Regeltechnik GmbH, Office Berlin – Optical Sensors info@lufft.de www.lufft.com</p>	<p>developer and producer of professional components and systems for climate and environment measurement. In Berlin, sales/marketing of optical sensors like laser-based snow depth sensors and Ceilometers</p>
<p>Margus Elektro-Opto-Technik Entwicklungs- und Vertriebs GmbH</p>	<p>Optoelectronics, ICT: Development, trade and technology transfer of hard- and software in the electro-technical sector, optics and laser technique.</p>
 <p>Max-Born-Institut für Nichtlineare Optik und Kurzzeitspektroskopie im Forschungsverbund Berlin e.V. (MBI) mbi@mbi-berlin.de www.mbi-berlin.de</p>	<p>The Max Born Institute for Nonlinear Optics and Short Pulse Spectroscopy (MBI) is a non profit research institution, organized in the legal form of a registered association (Forschungsverbund Berlin e.V.). MBI's research program focuses on</p> <ul style="list-style-type: none"> <li>• new sources for ultra short and ultra intense light pulses, pulse shaping, pulse characterization, and measuring techniques for ultra fast processes in a broad spectral range from the mid-infrared to the x-ray region</li> <li>• ultrafast and nonlinear phenomena with special emphasis on atoms, molecules, clusters and plasmas and surfaces and solid state.</li> </ul>
 <p>MGB Endoskopische Geräte GmbH Berlin info@mgb-berlin.de www.mgb-berlin.de</p>	<p>Rigid endoscopy and complete systems for the Minimal Invasive Surgery. Manufacture, sales, research and development of telescopes and instruments for all kind of rigid endoscopy (laparoscopy, gynaecology, urology, arthroscopy, ENT) and electronic devices (video cameras, light sources, insufflators, pumps, HF surgery),</p>
 <p>OpTecBB optecbb@optecbb.de www.optecbb.de</p>	<p>Optec-Berlin-Brandenburg (OpTecBB) is an initiative of companies, universities and scientific institutes to strengthening the economic power of the Berlin-Brandenburg region through joint activities using the potential of the optical technologies. Parts of the focal points are:</p>
 <p>OPTOSPHERE SPECTROSCOPY GbR info@optosphere.de http://www.optosphere.de/index.html</p>	<p>Optical spectroscopy and sensors for quality control and monitoring of solids, fluids and gases in industry and environment Inline-Process-measurement of: COD, DOC, oil, colour, turbidity, chlorophyll, fouling, nitrate, ClO2, phenol and others by means of absorption, scattering, fluorescence and refraction in the UV-VIS-NIR-range.</p>

Photonics and Optics Companies and Institutes		Competences
	<b>OpTricon Entwicklungsgesellschaft für Optische Technologien mbH</b>  info@optricon.de www.optricon.de	<i>Development and Production for</i> <ul style="list-style-type: none"><li>• Test strip diagnostics: Mobile optical analysis devices for point-of-care diagnostics</li><li>• Optical and interconnection technology: Components and systems</li><li>• Optical bioanalytics: Sensors and systems for bioanalytics</li></ul>
	<b>PT Photonic Tools GmbH</b>  info@pt-photonic-tools.de www.pt-photonic-tools.de	<i>ultrafast laser applications; world's first industrial ultrafast laser light cable</i>
	<b>PhotonTec Berlin GmbH</b>  info@photontec-berlin.com www.photontec-berlin.com/	<i>Specialized in laser technology. Development, manufacturing and distribution of fiber-coupled diode laser and diode-pumped solid state laser. The wavelength range covers from ultraviolet 266nm to infrared 1550nm at the power level from milliwatts to hundreds of watts. Additionally, the product lines include customized optical elements, spectrometer and laser marking systems.</i>
	<b>PicoQuant GmbH</b>  info@picoquant.com www.picoquant.com	<i>Miniaturized picosecond diode laser systems and pulsed LEDs with high repetition rate (Ultra-Violet to Infrared), highly integrated measurement systems for time-correlated single photon counting, instruments and systems for time-resolved fluorescence spectroscopy, time-resolved confocal microscopes, optical systems for time-resolved measurements in cuvettes and capillaries, on surfaces and in biological tissue</i> <i>Research and Development in the field of opto-electronic, laser technique and sensors – especially for biomedical and analytical applications.</i>
	<b>Plasmetrex GmbH</b>  info@plasmetrex.com www.plasmetrex.com	<i>Provider of service and equipment for the semiconductor industry. Focal points:</i> <ul style="list-style-type: none"><li>- Plasma monitoring and data analysing (using Hercules)</li><li>- Physical and chemical modelling of RF-plasmas</li><li>- Process development and process transfer</li><li>- Qualifications for process ingeniers</li></ul>
	<b>Polytec GmbH</b>  polytecberlin@polytec.de www.polytec.com	<i>First German company to specialize in the commercial application of laser technology: Laser-metrology, optronics, micro-electronics, analytics. Development and production of own products as well as an international intermediary position between Producers and users of new technologies</i>
	<b>Physikalisch-Technische Bundesanstalt PTB</b>  info@ptb.de www.ptb.de	<i>PTB performs fundamental research and development work in the field of metrology as a basis for all the tasks entrusted to it in the areas concerning the determination of fundamental and natural constants, the realization, maintenance and dissemination of the legal units of the SI, safety engineering, services and metrology for the area regulated by law and for industry, as well as technology transfer.</i>
	<b>Rayner Surgical GmbH</b>  info@rayner-surgical.de www.rayner.com	<i>refractive multifocal IOLs (intra ocular lenses) indicated for the correction of presbyopia following cataract surgery</i>
	<b>Rigaku Europe SE</b>  rese@rigaku.com www.rigaku.com	<i>The Rigaku Group of Companies are world leaders in the fields of general X-ray diffraction, thin film analysis, X-ray fluorescence spectrometry, small angle X-ray scattering, protein and small molecule X-ray crystallography, Raman spectroscopy, X-ray optics, semiconductor metrology, laboratory automation, X-ray sources, computed tomography, nondestructive testing and thermal analysis.</i>
	<b>RTG Mikroanalyse GmbH</b>  info@rtg-berlin.de www.rtg-berlin.de	<i>Service-oriented enterprise focusing its main activities on microanalysis by means of Secondary Ion Mass Spectrometry (SIMS). Main applications: impurity analysis (qualitative and quantitative), depth profiles (qualitative and quantitative), lateral element distributions (maps), three-dimensional analyses of micro-volumes by using digital image processing techniques</i>
	<b>SENTECH Instruments GmbH</b>  info@sentech.de www.sentech.de	<i>SENTECH Instruments GmbH develops, manufactures and sells advanced quality instrumentation for thin film metrology (reflectometer, ellipsometer, spectroscopic ellipsometer), photovoltaics (inline and offline measurement tools), and plasma process technology (plasma etcher, plasma deposition systems, ALD, customized solutions).</i>
	<b>Sicoya GmbH</b>  torsten.fiegler@sicoya.de www.sicoya.de	<i>Sicoya offers its customers low cost, power efficient, and scalable optical transceiver chips for server interconnects</i>
	<b>SoliTec GmbH</b>  www.solitech-berlin.de	<i>Planning, conducting and analyzing airborne measurements gathered with airborne laser scanner, photogrammetric cameras, hyperspectral and thermal sensors inland and abroad.</i>

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	<b>TEC Microsystems GmbH</b>  <a href="mailto:info@tec-microsystems.com">info@tec-microsystems.com</a> <a href="http://www.tec-microsystems.com">www.tec-microsystems.com</a>	<i>Manufacturer of miniature thermoelectric coolers. More than 1000 different TE cooler types are available in manufacturing range. The main focus is on thermoelectric cooling solutions for temperature stabilization of telecom lasers, cooled TOSA, TE cooling for IR and X-Ray detectors, CCD matrixes, FPA and thermal imagers calibration devices. Consulting and assistance with estimations and optimal thermoelectric coolers selecting are provided.</i>
	<b>TRIOPTICS Berlin GmbH</b>  <a href="mailto:berlin@trioptics-berlin.com">berlin@trioptics-berlin.com</a> <a href="http://www.trioptics-berlin.com">www.trioptics-berlin.com</a>	<i>Main focus of is on software engineering, but the TRIOPTICS also offers consulting and complete metrology solutions as well as exclusive metrology service. The interferometry software package <math>\mu</math>Shape™ is in use in metrology and research labs, as well as in production and quality control. It was originally developed for the <math>\mu</math>Phase® compact interferometers and is available for a lot of interferometers from different manufacturers and self-made interferometers meanwhile.</i>
	<b>TRUMPF GmbH &amp; Co KG</b>  <a href="mailto:anke.roser@de.trumpf.com">anke.roser@de.trumpf.com</a> <a href="http://www.trumpf.com">www.trumpf.com</a>	<i>Laser manufacturer TRUMPF will be opening a new subsidiary for the advance engineering of laser diodes in Berlin. In close proximity to, and in close cooperation with, the Ferdinand-Braun-Institut, Leibniz-Institut für Höchstfrequenztechnik (FBH) and other facilities and experts, the company wants to continue expanding its technological and market lead in the high-performance diode laser sector. The laser diode is a key module in today's laser technology, where it is used both as a pump source and as direct diode laser. This close cooperation between industry and research is aimed at making laser systems from TRUMPF even more energy-efficient.</i>
	<b>WITT Sensorik GmbH</b>  <a href="mailto:mail@witt-sensoric.de">mail@witt-sensoric.de</a> <a href="http://www.witt-sensoric.de">www.witt-sensoric.de</a>	<i>Since more than 15 years WITT Sensorik GmbH develops, produces, and distributes light barriers for industrial doors and gates based on opto electronical sensors.</i>