



**ANALYTIC CITY 2015**  
in Berlin Adlershof

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## ANALYTICS - A FIELD FOR THE FUTURE

Today, the field of analytical sciences has become a key interdisciplinary tool for many solutions and innovations in science and engineering. Whether for the detection of harmful plasticisers in children's toys, the structural analysis of new engineering materials, or the authenticity of foodstuffs, the findings of analytical chemistry enhance greatly the value of many products and processes as well as the quality of our own lifestyles. Analytics also adopts the role of comparable significance in the controversies surrounding the social policies of the future, supplying hard facts for rational discussions on food safety or climate change.

The analytical sciences represent a coherent discipline at the boundaries between chemistry, physics, and biology, and their evolving methods and instruments never cease to provide new insights into the atomic and molecular processes of these and other fields.

Adlershof has a long and successful tradition of instrumental analysis and scientific instrument manufacturing that is now being continued by the local companies as well. Today, the Humboldt University of Berlin is one of the few universities in Germany where analytical chemistry is still completely integrated in the field of study. The non-university institutes and companies at Adlershof have unique opportunities and provide essential contributions to the site's analytical skills for research, training, and services. Following the success of the School of Analytical Sciences Adlershof (SALSA) in the 2012 Excellence Initiative, Adlershof can now take the opportunity to adopt a position as the Analytic City Adlershof, an excellence and innovation centre with a highly academic and entrepreneurial core.

This brochure presents a digest of the many partners at the location and provides a basis for new joint ventures.

**Prof. Dr. rer. nat. Ulrich Panne**  
**Humboldt-Universität zu Berlin &**  
**President of Bundesanstalt für Materialforschung and -prüfung (BAM)**  
**Spokesman of the Joint Initiative of Non-University Research Institutions**  
**in Adlershof (IGAFa)**



## BERLIN ADLERSHOF – AN ANALYTIC CITY

Berlin Adlershof is a key initiator of Berlin's scientific and economic development. Furthermore, it is one of the most successful high tech locations in Germany and enjoys an excellent reputation on the international level as well.

Berlin Adlershof covers an area of 420 hectares (1,038 acres). Currently, an area of 170 hectares is covered by buildings. There are about 16,000 people working at more than 1,000 companies and six university and ten non-university research institutes. About 6,300 students are enrolled at present at the science institutes of Humboldt University of Berlin (HU).

All empty space in Adlershof will presumably be developed by the year 2020. Thus, the site

still offers best conditions for the settlement of additional innovative companies and scientific institutions.

At this stage, Adlershof presents a number of fascinating interrelations between university and non-university institutes and businesses.

A unique feature of the site is its accumulation of institutions dealing with analytical issues. In addition to research and teaching, Adlershof offers a home for

- methodologists and equipment developers,
- service providers,
- equipment marketers, and
- producer.

The range extends from material and environmental analytics to biological, medical, and food chemistry subjects, to process and

industrial analytics as well as measurement technologies.

This rich diversity of applications, business models and analytical methods has given rise to a huge range of offers in the analytical field, representing all of the conventional analytical methods and technologies for

- chromatography,
- spectroscopy,
- surface/structural analysis,
- microscopy, and,
- special methods.

These are refined in close cooperation between research and business. Many of the Adlershof institutes and companies operating in the analytical fields hold a leading position in the international scale. For instance, the HZB Helmholtz-Zentrum Berlin for Materials and Energy and its synchrotron radiation source BESSY II attract every year a large number of international scientists to Adlershof. The HU Berlin is represented by its Chemistry Department on the Science and technology park. Today, the university ranks among the ten best in Germany and also enjoys an international reputation as one of the leading scientific institution for training and research in the fields of analytical chemistry.

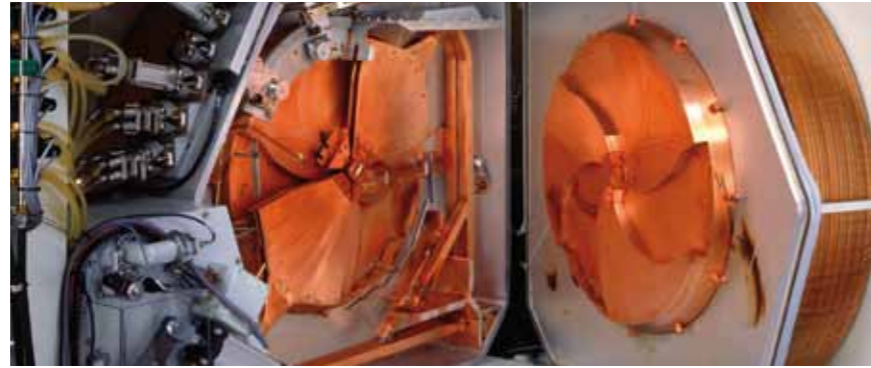
WISTA-MANAGEMENT GMBH is the operator of the Adlershof Science and Technology Park. Its assignments also extend to the promotion of networks between science and business, national and international cooperation, and PR work.

The company is especially involved with networking of the location's companies and institutes in the field of analytics and analytical technologies in order to channel their potential into the Analytic City Adlershof competence centre, mobilising local synergies. Moreover, it is to visualise the huge diversity and performance of the Adlershof institutes in analytics and analysis measuring techniques in such a way as to attract interested parties to the location more easily. At the same time, WISTA-MANAGEMENT GMBH receives support from the Technologiekreis Adlershof (an association of innovative companies), of IGafa, the scientific network representing ten non-university research institutions located in Berlin Adlershof, and the HU Berlin.



**Initiative circle Analytic City (f.l. Dr. Frank Lerch/OptecBB; Dr. Michael Maiwald/BAM, Dr. Peer Ambree/WISTA, Dr. Merwe Buurman/BAM, Heidrun Terytze/WISTA, Dr.Christine Wedler/TKA respectively ASCA, Maria Badrian and Dr. Beate Mekiffer/WISTA)**





## LIFE SCIENCES

About sixty companies in Adlershof are operating in the field of life sciences, focusing on product and process development, pharmaceuticals, medicine, and environmental technology. These companies play an active role in genome and proteome research as well as in the development of measuring methods, e.g. for the food industry.

## ENVIRONMENTAL TECHNOLOGY

Environmental analysis as a subdiscipline of chemical analytics finds strong partners in Adlershof, such as certified service providers as well as in research and development. In addition, a number of institutions are working on technologies for ecological recovery. Adlershof companies also possess expertise in the safety relevant fields of environmental analysis, e.g. in the detection of chemical warfare agents and explosives, biological substances, and drugs.

## EQUIPMENT DEVELOPMENT AND MARKETING

The development, manufacture, and marketing of analytical equipment augments the analytical expertise at Adlershof. The range of products extends from componentry (detectors, lamps, sensors, etc.) to finished products (chromatographs, spectrometers). Prototypes as well as small, medium, and large batches are produced for national and international customers.

## ANALYTICAL CHEMISTRY

The Adlershof-based Department of Chemistry at the Humboldt University of Berlin (HU) is one of the world's leading research and educational institutes in the field of analytical chemistry. This institute launched the graduate School of Analytical Sciences Adlershof (SALSA) as part of the 2012 Excellence Initiative, involving the setup of application labs for the interdisciplinary development of new materials and analytical methods, also in close cooperation with business enterprises at the location. At the same time, Adlershof is also home to both non-university research establishments such as the Federale Institut for Materials Research and Testing (BAM) and medium sized companies that are using the latest methods for special assignments in analytical chemistry.

## SURFACE ANALYSIS

A material's wettability, abrasion resistance, or susceptibility to corrosion depends essentially on its surface or structural properties. Adlershof companies and institutes are developing methods and equipment for surface and structural analyses. The range of applications extends e.g. to thin layer measurements, electron microscopy, and structural analytics.

## OPTICS/PHOTONICS

Adlershof ranks among the world's leading research and development locations for optical technologies, focusing on laser technologies, laser medical engineering, optoelectronics, and technical optics. This sector provides work for nearly fifty companies in Adlershof, some of which are geared closely to the expertise field of surface and structural analysis.

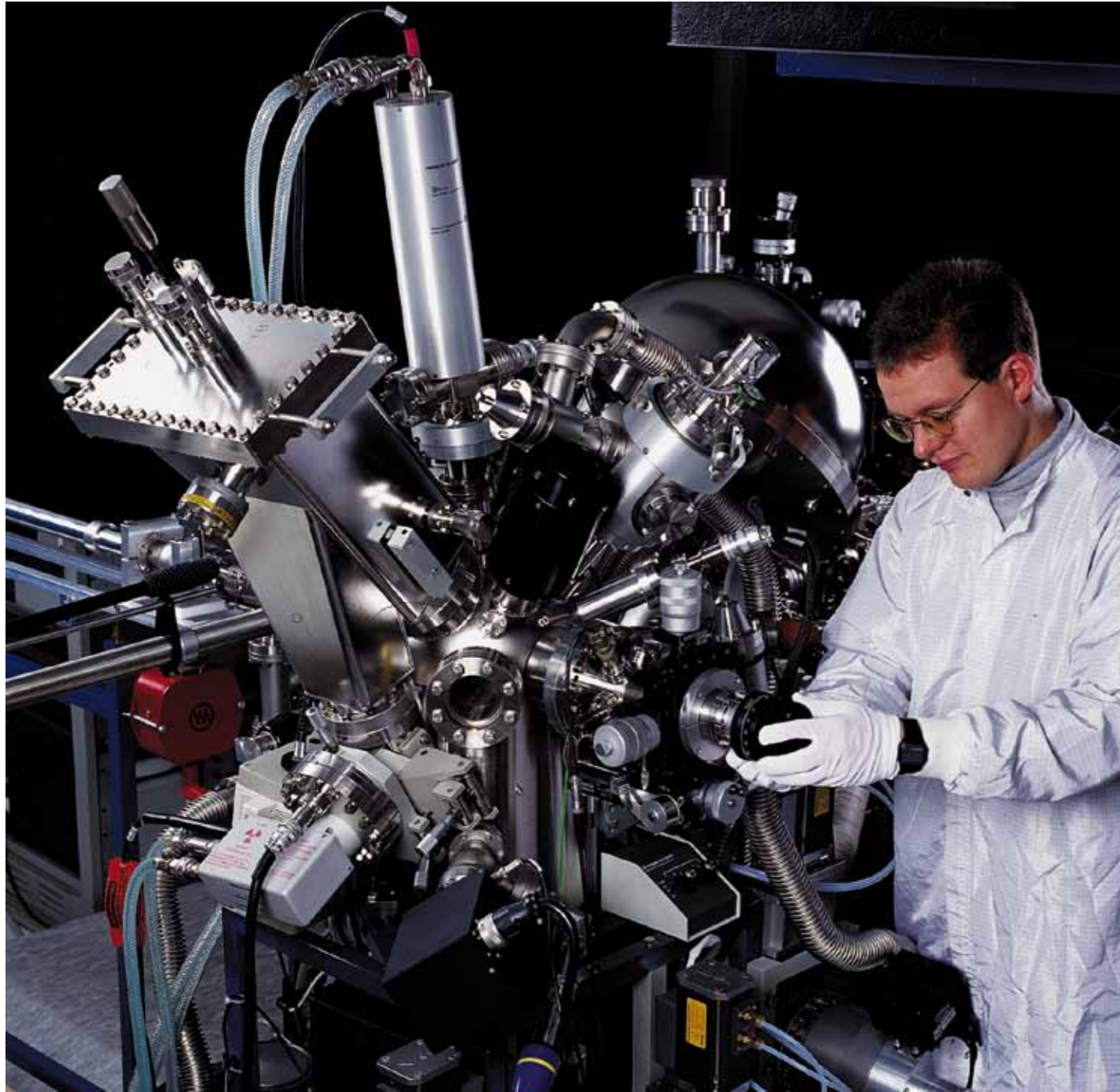
## UNIVERSITY RESEARCH INSTITUTE

With over 6,300 students, the HU Campus is a vibrant centre in Adlershof. Besides the non-university research institutes and the tech-based companies, the science institutes of the HU function as one of the location's supporting pillars. The Graduate School of Analytical Sciences Adlershof (SALSA) is pursuing an interdisciplinary approach in training and research and will be the academic core of the Analytic City Adlershof.

## PROCESS ANALYTICS

Fast, low priced, and reliable investigation methods are essential for the monitoring of production processes and the determination of substance properties and compositions in production plant. Adlershof is home to equipment manufacturers, researchers, and industrial users in the field of process analysis. A wide range of measuring methods like X-ray analytics and optical sensor systems are used for investigations into biotechnological and microbiological processes.





## CLASSIFICATION OF THE COMPANIES

The following tables present a number of companies and research institutes including a summary of their analytical skills. These data were obtained in 2015 by WISTA-MANAGEMENT GMBH on the basis of questionnaires.

The first section lists companies and research institutions according to the analytical methods and techniques they apply, develop, and/or market. These establishments and institutes are identified according to their sector and activity.

The centre section lists the establishments and institutes with contact persons, contact details and fields of activity.

The last section presents a site map. It shows the locations of all establishments and institutes that provided the data for this brochure.

# LASSIFICATION OF COMPANIES ACCORDING TO THEIR MEASURING METHODS, SECTORS AND ACTIVITIES

## CHROMATOGRAPHY

	CE (CAPILLARY ELECTROPHORESIS)	FPLC (FAST PROTEIN LIQUID CHROMATOGRAPHY)	GC (GAS CHROMATOGRAPHY AND COUPLED METHODS)	GEL ELECTROPHORESIS	GPC/(SEC) (GEL PERMEATION CHROMATOGRAPHY)
3B Pharmaceuticals GmbH					
ANiMOX GmbH					
ASCA GmbH					
AZBA GmbH			GC-ECD (with electron capture detector) GC-FID (with flame ionisation detector) GC-MS (with mass spectroscopy)		
BAM			GC-FID (with flame ionisation detector) GC-HRMS (with high resolution mass spectroscopy)		
Biopract GmbH			GC-FD (with fluorescence detector) GC-RI (with refractive index detector) GC-UV (with ultraviolet detector)		
BIOWORX			GC-FID (with flame ionisation detector)		
Capsulation Pharma AG					
Chromicent GmbH					

## SECTORS

## ACTIVITY

HPLC/(LC) (HIGH PERFORMANCE LIQUID CHROMATOGRAPHY AND COUPLED METHODS)	IC (ION CHROMATOGRAPHY)	SFC (SUPERCRITICAL FLUID CHROMATOGRAPHY)	UPLC (ULTRA PERFORMANCE LIQUID CHROMATOGRAPHY)		
LC-MS (with mass spectroscopy) LC-MS-MS (with tandem mass spectroscopy)				LS	1 6
				LS	1 3 5 6
LC-MS (with mass spectroscopy)				LS	1
HPLC-DAD (with diode array detector) HPLC-FD (with fluorescence detector) HPLC-UV (with ultraviolet detector)				AC PA	1 6
HPLC-DAD (with diode array detector) HPLC-FD (with fluorescence detector) HPLC-RI (with refractive index detector) HPLC-UV (with ultraviolet detector)				AC	1
HPLC-UV (with ultraviolet detector)				ET PA	1 3 6
HPLC-DAD (with diode array detector) HPLC-FD (with fluorescence detector) HPLC-RI (with refractive index detector) HPLC-UV (with ultraviolet detector)				LS	1 4 6
				LS	1 6
HPLC-CAD (with charged aerosol detector) HPLC-DAD (with diode array detector) HPLC-FD (with fluorescence detector) HPLC-RI (with refractive index detector) HPLC-UV (with ultraviolet detector)		SFC-DAD (with diode array detector) SFC-MS-MS (with tandem mass spectroscopy)	UPLC-DAD (with diode array detector) UPLC-FD (with fluorescence detector) UPLC-MS (with mass spectroscopy) UPLC-MS-MS (with tandem mass spectroscopy)	LS AC	1 3 6

LS ET AC SA OP PA life science [LS], environmental technology [ET], analytical chemistry [AC], surface analysis [SA], optics/photovoltaics [OP], process analysis [PA]  
 1 2 3 4 5 6 research/apprenticeship/training (1), software/hardware/system integrator (2), application developer (3), producer (4), sales (5), service provider (6)



# CHROMATOGRAPHY

	CE (CAPILLARY ELECTROPHO- RESIS)	FPLC (FAST PROTEIN LIQUID CHROMATOGRAPHY)	GC (GAS CHROMATOGRAPHY AND COUPLED METHODS)	GEL ELECTRO- PHORESIS	GPC/(SEC) (GEL PERMEATION CHROMATOGRAPHY)
Dr. Lerche KG					
Eurofins SOFIA			GC-MS (with mass spectroscopy) GC-MS-MS (with tandem mass spectroscopy)		
HU - Institut für Chemie			GC-MS (with mass spectroscopy)		
I.U.T. Institut für Umwelt- technologien GmbH			GC-MS (with mass spectroscopy)		
JPT Peptide Technologies GmbH					
Leibniz-Institut für Katalyse e. V.			GC-MS (with mass spectroscopy)		
PiCA Prüfinstitut Chemische Analytik GmbH			GC-ECD (with electron capture detector) GC-FID (with flame ionisation detector) GC-HRMS (with high resolution mass spectroscopy) GC-MS (with mass spectroscopy) GC-MS-MS (with tandem mass spectroscopy) GC-PND (with nitrogen/phosphorus sensitive detector) GC-WLD (with thermal conductivity detector) HS-GC-MS (headspace GC with mass spectroscopy) P&T-GC-MS-MS (purge and trap GC with tandem mass spectroscopy) GC-HRMS (with high resolution mass spectroscopy) SPME-GC-MS-MS (solid phase microextraction for GC with tandem mass spectroscopy) TDS-GC-MS (thermodesorption GC with mass spectroscopy)		
Proteome Factory AG				2D-Page (sodium dodecyl sulfate polyacrylamide gel electrophoresis) IEF (isoelectric focusing) SDS-PAGE (sodium dodecyl sulfate polyacrylamide gel electrophoresis) Western-blot	

# SECTORS

# ACTIVITY

	HPLC/(LC) (HIGH PERFORMANCE LIQUID CHROMATOGRAPHY AND COUPLED METHODS)	IC (ION CHRO- MATOGRAPHY)	SFC (SUPERCRITICAL FLUID CHRO- MATOGRAPHY)	UPLC (ULTRA PERFORMANCE LIQUID CHROMATOGRAPHY)		
					LS	3 4 6
	HPLC-FD (with fluorescence detector) HPLC-UV (with ultraviolet detector) LC-MS-MS (with tandem mass spectroscopy)				AC	6
	HPLC-DAD (with diode array detector) LC-ESI/APCI-MS (liquid chromatography electrospray ionisation/atmospheric pressure chemical ionisation mass spectroscopy) LC-ICP-MS (coupled with inductively coupled plasma mass spectroscopy) Recycl. LC (recycling HPLC)			UPLC-MS (with mass spectroscopy)	AC SA	1
	LC-MS (with mass spectroscopy)				ET AC	2 6
	LC-MS (with mass spectroscopy)				LS	1 3 4 5 6
	LC-MS (with mass spectroscopy)				AC	1
	HPLC-DAD (with diode array detector) HPLC-FD (with fluorescence detector) HPLC-RI (with refractive index detector) HPLC-UV (with ultraviolet detector) LC-MS (with mass spectroscopy) LC-MS-MS (with tandem mass spectroscopy)				AC	1 3 6
	HPLC-DAD (with diode array detector) HPLC-FD (with fluorescence detector) HPLC-UV (with ultraviolet detector) LC-MS-MS (with tandem mass spectroscopy)				LS AC	1 6

LS ET AC SA OP PA life science [LS], environmental technology [ET], analytical chemistry [AC], surface analysis [SA], optics/photovoltaics [OP], process analysis [PA]  
 1 2 3 4 5 6 research/apprenticeship/training (1), software/hardware/system integrator (2), application developer (3), producer (4), sales (5), service provider (6)

# SPECTROSCOPY

	AAS (ATOMIC ABSORPTION SPECTROSCOPY)	AES/(OES) (ATOMIC EMISSION SPECTROSCOPY)	ALPHA PARTICLE SPECTRO- SCOPY	BETA PARTICLE SPECTRO- SCOPY	BIACORE	CD (CIRCULAR DICHROISM SPECTROSCOPY)
3B Pharmaceuticals GmbH						
AZBA GmbH		ICP-OES (inductively coupled plasma optical emission spectroscopy)				
BAM		ICP-OES (inductively coupled plasma optical emission spectroscopy)				
Greateyes GmbH						
HU - Geographisches Institut		ICP-OES (inductively coupled plasma optical emission spectroscopy)				
HU - Institut für Chemie						
HZB GmbH						X-ray CD
I.U.T. Institut für Umwelt-technologien GmbH				LSC and Low-Level-Counter		
Leibniz-Institut für Analytische Wissenschaften - ISAS - e. V.	HR-CS AAS (high resolution continuum source atomic absorption spectroscopy)					
Leibniz-Institut für Katalyse e. V.		ICP-OES (inductively coupled plasma optical emission spectroscopy)				
Physikalisch-Technische Bundesanstalt						
SENTECH Instruments GmbH						

# SECTORS

# ACTIVITY

ELLIPSOMETRY	ESCA/(PES) (ELECTRON SPECTROSCOPY FOR CHEMICAL ANALYSIS)		
		LS	1 6
		AC PA	1 6
		AC	1
		OP	2 3 4 6
		ET SA	1
		AC SA	1
	AES/(APS) (auger electron spectroscopy) UPS (ultraviolet photoelectron spectroscopy) XPS (x-ray photoelectron spectroscopy)	LS SA OP	1 6
		ET AC	2 6
MIR (mid infrared ellipsometry) NIR (near infrared ellipsometry) VUV-VIS (vacuum ultraviolet-visible ellipsometry)		AC SA	1 2 3
	AES/(APS) (auger electron spectroscopy) UPS (ultraviolet photoelectron spectroscopy) XPS (X-ray photoelectron spectroscopy)	AC	1
VUV-VIS (vacuum ultraviolet-visible ellipsometry)	UPS (ultraviolet photoelectron spectroscopy)	SA OP	1 6
DUV-VIS (deep ultraviolet-visible ellipsometry) MIR (mid infrared ellipsometry) NIR (near infrared ellipsometry)		SA OP	2 4 5

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# SPECTROSCOPY

	ESR/(EPR) (ELECTRON SPIN RESONANCE SPECTROSCOPY)	FLUORESCENCE SPECTROSCOPY	GAMMA SPECTROSCOPY	IMPEDANCE SPECTROSCOPY
art photonics GmbH				
AZBA GmbH				
BAM		FCS (fluorescence correlation spectroscopy) LIF (laser-induced fluorescence)		
Greateyes GmbH				
HU - Geographisches Institut				
HU - Institut für Chemie				
HZB GmbH				
I.U.T. Institut für Umwelt-technologien GmbH				
JTL-BioTec.Analytics				
Leibniz-Institut für Analytische Wissenschaften - ISAS - e. V.				
Leibniz-Institut für Katalyse e. V.				
LLA Instruments GmbH				

# SECTORS

# ACTIVITY

IR (INFRARED SPECTROSCOPY)	LIBS (LASER-INDUCED BREAKDOWN SPECTROSCOPY)		
MIR (mid-infrared) NIR (near infrared)		PA	1 2 3 4
		AC PA	1 6
FT-IR (fourier transform infrared) IR-ATR (infrared attenuated total reflection)		AC	1
		OP	2 3 4 6
		ET SA	1
FT-FIR (fourier transform far infrared) FT-IR (fourier transform infrared) FT-MIR (fourier transform mid infrared)		AC SA	1
FIR (far infrared)		LS SA OP	1 6
FT-IR (fourier transform infrared)		ET AC	2 6
NIR (near infrared)		LS	2 3 4 5 6
FT-IR (fourier transform infrared) Laser-MIR (mid infrared laser) MIR (mid infrared)		AC SA	1 2 3
IR-ATR (infrared attenuated total reflection)		AC	1
NIR (near infrared)		AC	2 5

LS ET AC SA OP PA life science [LS], environmental technology [ET], analytical chemistry [AC], surface analysis [SA], optics/photovoltaics [OP], process analysis [PA]  
 1 2 3 4 5 6 research/apprenticeship/training (1), software/hardware/system integrator (2), application developer (3), producer (4), sales (5), service provider (6)

# SPECTROSCOPY

ESR/(EPR)  
(ELECTRON SPIN RESONANCE SPECTROSCOPY)

FLUORESCENCE SPECTROSCOPY

GAMMA SPECTROSCOPY

IMPEDANCE SPECTROSCOPY

LTB Lasertechnik Berlin GmbH		LIF (laser-induced fluorescence)		
Physikalisch-Technische Bundesanstalt				
PiCA Prüfinstitut Chemische Analytik GmbH				
PicoQuant GmbH		FCS (fluorescence correlation spectroscopy) FRET (fluorescence resonance energy transfer)		
PlasmaChem GmbH				
Privatinstitut Galenus GmbH				
Surflay Nanotec GmbH				

# SECTORS

# ACTIVITY

IR  
(INFRARED SPECTROSCOPY)

LIBS  
(LASER-INDUCED BREAKDOWN SPECTROSCOPY)

		LS AC PA	2 3 4
FT-FIR (fourier transform far infrared) FT-IR (fourier transform infrared) FT-MIR (fourier transform mid infrared)		SA OP	1 6
FT-IR (fourier transform infrared)		AC	1 3 6
		LS	1 2
		LS SA	1 6
		LS	1
		LS SA	1 6

LS ET AC SA OP PA life science [LS], environmental technology [ET], analytical chemistry [AC], surface analysis [SA], optics/photovoltaics [OP], process analysis [PA]

1 2 3 4 5 6 research/apprenticeship/training (1), software/hardware/system integrator (2), application developer (3), producer (4), sales (5), service provider (6)

# SPECTROSCOPY

MS  
(MASS SPECTROSCOPY AND COUPLED METHODS)

NMR  
(NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY)

ASCA GmbH		
art photonics GmbH		
BAM	ESI-MS (electrospray ionisation mass spectroscopy) GD-MS (glow discharge mass spectroscopy) ICP-MS (inductively coupled plasma mass spectroscopy)	
Dr. Michael Himmelhaus - nanoBioAnalytics		
Greateyes GmbH		
HU - Institut für Chemie	ESI-HRMS-MS (electrospray ionisation coupled with tandem high resolution mass spectroscopy) ESI-MS (electrospray ionisation mass spectroscopy) ESI-MS-MS (electrospray ionisation tandem mass spectroscopy) MALDI-MS (matrix assisted laser desorption/ionisation mass spectroscopy)	MAS-NMR (magic-angle-spinning nuclear magnetic resonance spectroscopy)
HZB GmbH		
JPT Peptide Technologies GmbH	MALDI-TOF-MS (matrix assisted laser desorption/ionisation time-of-flight mass spectroscopy)	
Leibniz-Institut für Analytische Wissenschaften - ISAS - e. V.		
Leibniz-Institut für Katalyse e. V.		
LTB Lasertechnik Berlin GmbH		
microParticles GmbH		
PlasmaChem GmbH		

# SECTORS

# ACTIVITY

PCS  
(PHOTON CORRELATION SPECTROSCOPY)

PHOTO-LUMINESCENCE SPECTROSCOPY

RAMAN-SPECTROSCOPY

			LS	1
			PA	1 2 3 4
		FT-RAMAN (fourier transform raman spectroscopy)	AC	1
			PA	2 4
			OP	2 3 4 6
		FT-RAMAN (fourier transform raman spectroscopy)	AC SA	1
			LS SA OP	1 6
			LS	1 3 4 5 6
			AC SA	1 2 3
			AC	1
			LS AC PA	2 3 4
			SA	1
			LS OA	1 6

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# SPECTROSCOPY

	REFLECTANCE SPECTROSCOPY	REFLECTOMETRY	RFA/(RFS)/(XRF) [X-RAY FLUORESCENCE SPECTROSCOPY]	RIXS [RESONANT INELASTIC X-RAY SCATTERING SPECTROSCOPY]	SXE [X-RAY EMISSION SPECTROSCOPY]
AZBA GmbH					
BAM					
Biopract GmbH					
Bruker Nano GmbH					
ColVisTec AG					
Eurofins SOFIA					
Greateyes GmbH					
HU - Institut für Chemie					
HZB GmbH					
Institut für angewandte Photonik e. V.					
Leibniz-Institut für Katalyse e. V.					
LLA Instruments GmbH					
Physikalisch-Technische Bundesanstalt		EUV (extreme ultraviolet reflectometry) VUV (vacuum-ultraviolet reflectometry) X-ray (x-ray reflectometry)			
PiCA Prüfinstitut Chemische Analytik GmbH					
PlasmaChem GmbH					
SENTECH Instruments GmbH		NIR (near infrared reflectometry) UV-VIS (ultraviolet-visible reflectometry)			

# SECTORS

# ACTIVITY

TRANSMISSION-SPECTROSCOPY	UV-VIS [ULTRAVIOLET-VISIBLE SPECTROSCOPY]	XAS [X-RAY ABSORPTION SPECTROSCOPY]		
			AC PA	1
			AC	1
			ET PA	1 3 6
			AC	2 4 5
			LS OP PA	2 4 5 6
			AC	6
			OP	2 3 4 6
			AC SA	1
		EXAFS (extended x-ray absorption fine structure) NEXAFS/ (XANES) (near edge x-ray absorption fine structure)	LS SA OP	1 6
			OP PA	1
			AC	1
			AC	2 5
		EXAFS (extended x-ray absorption fine structure) NEXAFS/ (XANES) (near edge x-ray absorption fine structure)	SA OP	1 6
			AC	1 3 6
			LS SA	1 6
			SA OP	2 4 5

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 1 2 3 4 5 6 research/apprenticeship/training (1), software/hardware/system integrator (2), application developer (3), producer (4), sales (5), service provider (6)



# SURFACE/STRUCTURE ANALYSIS

BET-MEASUREMENTS (BRUNAUER-EMMETT-TELLER) CONTACT ANGLE MEASUREMENT ESMA/EPMA (ELECTRON PROBE MICROANALYSIS) FLOW CYTOMETRY INTER-FEROMETRY LFA (LASER FLASH)

BAM						
Berliner Nanotest und Design GmbH						
Bruker Nano GmbH						
Dr. Lerche KG						
GNF e. V.						
HU - Geographisches Institut						
HU - Institut für Chemie						
IfG GmbH						
IsoAnalysis UG						
PlasmaChem GmbH						
RTG Mikroanalyse GmbH Berlin						
Surflay Nanotec GmbH						
TRIOPTICS Berlin GmbH						

# SECTORS

# ACTIVITY

MERCURY POROSIMETRY MS (MASS SPECTROMETRY) PARTICLE ANALYSIS

			AC					1					
				SA				1	2			6	
			AC						2		4	5	
			LS							3	4	6	
			ET	SA				1		3	4	5	6
			ET	SA				1					
			AC	SA				1					
				SA				1					
			AC									6	
			LS		SA			1				6	
				AC	SA	OP	PA					6	
			LS		SA			1				6	
						OP		1	2	3	4	5	6

LS ET AC SA OP PA life science [LS], environmental technology [ET], analytical chemistry [AC], surface analysis [SA], optics/photovoltaics [OP], process analysis [PA]  
 1 2 3 4 5 6 research/apprenticeship/training (1), software/hardware/system integrator (2), application developer (3), producer (4), sales (5), service provider (6)



# SURFACE/STRUCTURE ANALYSIS

RESISTANCE MEASUREMENTS      SAXS (SMALL-ANGLE X-RAY SCATTERING)      STRESS ANALYSIS      TEOM WITH FDMS (TAPERED ELEMENT OSCILLATING MICROBALANCE WITH FILTER DYNAMICS MEASUREMENT SYSTEM)      THERMOGRAPHY

BAM					
Berliner Nanotest und Design GmbH	Rth measurements (measurement of thermal resistance) Zth measurements (measurement of transient thermal resistance)				IR-Thermography (infrared thermography)
Dr. Lerche KG					
GNF e. V.					
HU - Geographisches Institut					
HU - Institut für Chemie					
HZB GmbH					
Institut für angewandte Photonik e. V.					
Leibniz-Institut für Katalyse e. V.					
Physikalisch-technische Bundesanstalt					
Surflay Nanotec GmbH					

# SECTORS

# ACTIVITY

UFM (ULTRAFINE PARTICLE MONITOR)      XRD (X-RAY DIFFRACTION)      XUV-SCATTEROMETRY      ZETASIZER

	Monocrystal XRD (monocrystal x-ray diffraction) Powder XRD (powder x-ray diffraction)			AC	1
				SA OP	1 2 6
				LS	3 4 6
	Laser XRD (laser x-ray diffraction) X-ray reactor chamber			ET SA	1 3 4 5 6
	Powder XRD (powder x-ray diffraction)			ET SA	1
	Monocrystal XRD (monocrystal x-ray diffraction) Powder XRD (powder x-ray diffraction)			AC SA	1
				LS SA OP	1 6
				OP PA	1
	Monocrystal XRD (monocrystal x-ray diffraction) Powder XRD (powder x-ray diffraction)			AC	1
				SA OP	1 6
				LS SA	1 6

LS ET AC SA OP PA life science [LS], environmental technology [ET], analytical chemistry [AC], surface analysis [SA], optics/photovoltaics [OP], process analysis [PA]  
 1 2 3 4 5 6 research/apprenticeship/training (1), software/hardware/system integrator (2), application developer (3), producer (4), sales (5), service provider (6)

# OTHER TECHNIQUES

A-D	E	F-Q	R	S
Accelero Bioanalytics GmbH		ELISA (enzyme-linked immunosorbent assay)	PCR (polymerase chain reaction)	RTqPCR (reverse transcription real time polymerase chain reaction)
AZBA GmbH	CFA (continuous flow analysis) Determination of Percolation	Environmental analysis: AOX (adsorbable organic halogen compounds) EOX (extractable organic halogen compounds) TC (total carbon) TIC (total inorganic carbon) TOC (total organic carbon)	KFT (karl fischer titration)	
Biopract GmbH			HFT (hohenheim gas test)	Rheometry
Chromicent GmbH	Drug testing •Abrasion test •Dissolution rate measurements •Release behavior •Tensile strength measurements			
Crystal Photonics GmbH	Dark current measurements		Oscilloscope Pulse rate analysis	
Dr. Lerche KG				Rheometry
GNF e. V.	Density measurements (helium pycnometer or absolute density) Diffusion measurements	Environmental analysis: NPOC (non-purgable organic carbon) TC (total carbon) TIC (total inorganic carbon) TN <sub>g</sub> (total bound nitrogen) TOC (total organic carbon)	Luminous bacteria test pH measurements	Rheometry
Histalim	Computer image analysis		Histological measurements ICH (immunohistochemistry) ISH (in situ hybridization)	
HU - Geographisches Institut			OSL/TL (optically stimulated luminescence/thermally stimulated luminescence)	
HU - Institut für Chemie		Electrochemistry: CV (cyclic voltammetry) RDE (rotating disc electrode) Spectroelectrochemistry Voltammetry		Rheometry RTD-PCR (real time detection polymerase chain reaction) Scintillation counter

# SECTORS

# ACTIVITY

T	U	V-X		
Tissue homogenization			LS	1 6
		Wet and dry weight measurements	AC PA	1 6
			ET PA	1 3 6
			LS AC	1 3 6
			LS	1 2 4 5
			LS	3 4 6
Tensile strength measurements		Wet and dry weight measurements	ET SA	1 3 4 5 6
TMA (tissue microarrays)			LS AC	1 3 6
			ET SA	1
Thermal analysis: DSC (differential scanning calorimetry) DTA-TG-MS (differential thermal analysis-thermogravimetry-mass spectroscopy) TGA (thermogravimetric analysis)			AC SA	1

LS ET AC SA OP PA life science [LS], environmental technology [ET], analytical chemistry [AC], surface analysis [SA], optics/photovoltaics [OP], process analysis [PA]  
 1 2 3 4 5 6 research/apprenticeship/training (1), software/hardware/system integrator (2), application developer (3), producer (4), sales (5), service provider (6)

# OTHER TECHNIQUES

A-D E F-Q R S

HZB GmbH			Protein crystallization		
JTL-BioTec.Analytics					Sono-crystallisation
Leibniz-Institut für Katalyse e. V		Elemental analysis (C, H, N, S)			
PiCA Prüfinstitut Chemische Analytik GmbH		Emissions measurements (test chamber, emission test cell)	Migration measurements		
Privatinstitut Galenus GmbH				RPF (radical protective factor)	
Proteome Factory AG		Edman sequencer			
SCIENION AG			Lateral-Flow-Assays and Microarrays		
SCW GmbH					
SLM GmbH			Microbiological testing		
Solardynamik GmbH	Durability and mechanical strength of polymers				
Surflay Nanotec GmbH			QCM (quartz crystal microbalance)		
WITEGA Laboratorien Berlin-Adlershof GmbH		Elemental analysis (C, H, N, S)	KFT (karl fischer titration)		

# SECTORS

# ACTIVITY

T U V-X






		X-ray tomography	LS OA OP	1 6
			LS	2 3 4 5 6
			AC	1
			AC	1 3 6
			LS	1
			LS AC	1 6
			LS ET AC	1 2 3 4 5 6
Thermal analysis: TG-DTA (thermogravimetry/differential thermal analysis) TMA (thermomechanical analysis)			LS	1 2 3 4 5 6
			PA	6
			ET OP	1 2 3 5 6
			LS OA	1 6
			LS AC	4

LS ET AC SA OP PA life science [LS], environmental technology [ET], analytical chemistry [AC], surface analysis [SA], optics/photovoltaics [OP], process analysis [PA]  
 1 2 3 4 5 6 research/apprenticeship/training (1), software/hardware/system integrator (2), application developer (3), producer (4), sales (5), service provider (6)



## ALPHABETIC LIST OF COMPANIES







PAGE (TECHNIQUES)	ESTABLISHMENT	ADDRESS WEBSITE	CONTACT PERSON AND ASSISTED TECHNIQUES
10 14	3B Pharmaceuticals GmbH	Magnusstraße 11 12489 Berlin <a href="http://www.3b-pharma.com">www.3b-pharma.com</a>	Dr. Jan Ungewiss (Biacore, FPLC, HPLC, LC-MS, LC-MS-MS)
30	Accelero Bioanalytics GmbH	Volmerstraße 9 A 12489 Berlin <a href="http://www.accelero-bioanalytics.com">www.accelero-bioanalytics.com</a>	Christian Lange (ELISA, PCR, RTqPCR, Tissue homogenization)
	ANAU Berlin-lab GmbH	Rudower Chaussee 29-31 12489 Berlin	Michael Augustin (see area of activity)
10	ANiMOX GmbH	Max-Planck-Straße 3 12489 Berlin <a href="http://www.animox.de">www.animox.de</a>	Thomas Grimm (GC, GPC, HPLC)
16 17 21	art photonics GmbH	Rudower Chaussee 46 12489 Berlin <a href="http://www.artphotonics.com">www.artphotonics.com</a>	Dr. Viacheslav Artyushenko Dr. Franziska Schulte (IR, MIR, NIR, RAMAN)

TELEPHONE, FAX E-MAIL	AREA OF ACTIVITY	
Tel.: +49 30 6392 4317 +49 30 6392 4321 Fax: +49 30 6392 4314 <a href="mailto:info@3b-pharma.com">info@3b-pharma.com</a>	<ul style="list-style-type: none"> <li>• Development of peptidic agents, diagnostics, and affinity ligands for protein purification</li> </ul>	
Tel.: +49 30 4373 7748 Fax: +49 30 4847 6328 <a href="mailto:service@accelero-bioanalytics.com">service@accelero-bioanalytics.com</a>	<ul style="list-style-type: none"> <li>• Contract research for biotech and pharma</li> <li>• Regulatory drug research [preclinical and clinical]</li> <li>• Development and validation of test methods according to EMA and ICH guidelines</li> </ul>	
Tel.: +49 30 6779 8599 +49 30 6780 7929 +49 30 6392 6625 Fax: +49 30 6780 4058 +49 30 6779 8884 <a href="mailto:anau_berlin-lab@t-online.de">anau_berlin-lab@t-online.de</a>	<ul style="list-style-type: none"> <li>• Development and marketing of laboratory equipment</li> <li>• Development and marketing of analytical equipment for thin layer surfaces</li> <li>• Marketing of optical accessories for laser and terahertz equipment</li> <li>• Analysis of the structure and composition of thin layer surfaces (nanotechnology)</li> </ul>	
Tel.: +49 30 6392 1040 Fax: +49 30 6392 1042 <a href="mailto:info@animox.de">info@animox.de</a>	<ul style="list-style-type: none"> <li>• Development of biotechnological processes</li> <li>• Peptide research</li> <li>• Biocatalysis</li> <li>• Environmental analytics and micro-biology laboratory services</li> </ul>	
Tel.: +49 30 6779 8870 Fax: +49 30 6779 88799 <a href="mailto:sa@artphotonics.com">sa@artphotonics.com</a>	<ul style="list-style-type: none"> <li>• Manufacture of optical fibres, cables, bundles, and probes for the 200 nm to 18 µm range</li> </ul>	







PAGE (TECHNIQUES)	ESTABLISHMENT	ADDRESS WEBSITE	CONTACT PERSON AND ASSISTED TECHNIQUES
11 20	ASCA GmbH Angewandte Synthesechemie Adlershof	Magnusstraße 11 12489 Berlin <a href="http://www.asca-berlin.de">www.asca-berlin.de</a>	Dr. René Kudick (LC-MS, NMR)
	Astro- und Feinwerktechnik Adlershof GmbH	Albert-Einstein-Straße 12 12489 Berlin <a href="http://www.astrofein.com">www.astrofein.com</a>	Michael Scheiding (see area of activity)
10 11 14 16 23 30 31	AZBA Analytisches Zentrum Berlin-Adlershof GmbH	Justus-von-Liebig-Straße 4 12489 Berlin <a href="http://www.azba.de">www.azba.de</a>	Dr. Volkmar Müller (AAS, AFS, AOX, CFA, Determination of Percolation, EOX, GC-ECD, GC-FID, GC-MS, HPLC-DAD, HPLC-FD, HPLC-UV, IC, ICP-OES, KFT, TC, TIC, TOC, UV-VIS, Wet and dry weight measu- rements)
10 11 14 16 17 20 21 22 23 27 29	BAM Bundesanstalt für Materialforschung und -prüfung	Richard-Willstätter-Str. 11 12489 Berlin <a href="http://www.bam.de">www.bam.de</a>	Prof. Dr. Ulrich Panne Dr. Michael Maiwald (AAS, AES, ESI-MS, FCS, FT-IR, FT-RAMAN, GC, GC-FID, GC-HRMS, GD-MS, GPC, HPLC, HPLC-DAD, HPLC-FD, HPLC-RI, HPLC-UV, ICP-MS, ICP-OES, IR, IR-ATR, LIBS, LIF, Mercury porosimetry, Monocrystal XRD, MS, NMR, Powder XRD, RAMAN, RFA, UPLC, UV-VIS)
25 26 28 29	Berliner Nanotest und Design GmbH	Volmerstraße 9 B 12489 Berlin <a href="http://www.nanotest.eu">www.nanotest.eu</a>	Mohamad Abo Ras (IR-Thermography, LFA, Rth measurement, Scanning acoustic microscopy, Zth measurement)

CR SP MI SA OT







chromatography [CR], spectroscopy [SP], microscopy [MI], surface/structure analysis [SA], other techniques [OT]

TELEPHONE, FAX E-MAIL	AREA OF ACTIVITY	
Tel.: +49 30 6392 4133 Fax: +49 30 6392 4103 <a href="mailto:kudick@asca-berlin.de">kudick@asca-berlin.de</a>	<ul style="list-style-type: none"> <li>Contract research and custom synthesis for the pharmaceuticals and chemicals industries</li> </ul>	
Tel.: +49 30 6392 1000 Fax: +49 30 6392 1002 <a href="mailto:info@astrofein.com">info@astrofein.com</a>	<ul style="list-style-type: none"> <li>Development, manufacture, and testing of precision mechanical components, assemblies, and devices of the highest reliability for industry and science</li> </ul>	
Tel.: +49 30 6392 2125 Fax: +49 30 6392 3267 <a href="mailto:info@azba.de">info@azba.de</a>	<ul style="list-style-type: none"> <li>Chemical and physicochemical analyses for the environment (contaminated sites, waste, hazardous substances, groundwater), sewage, drinking water, product analytics, and process monitoring</li> </ul>	
Tel.: +49 30 8104 1160 <a href="mailto:ulrich.panne@bam.de">ulrich.panne@bam.de</a>	<ul style="list-style-type: none"> <li>Research projects</li> <li>Systems reliability research</li> <li>Research into new analytical and</li> <li>Testing techniques</li> </ul> <p>Field 1:</p> <ul style="list-style-type: none"> <li>Provision and assessment of analytical chemistry methods and reference materials</li> </ul>	
Tel.: +49 30 8104 1140 <a href="mailto:michael.maiwald@bam.de">michael.maiwald@bam.de</a>		
Tel.: +49 30 6392 3880 Fax: +49 30 6392 3881 <a href="mailto:info@nanotest.eu">info@nanotest.eu</a>	<ul style="list-style-type: none"> <li>Stationary thermal characterization, transient thermal characterization, infrared thermography, ultrasound analysis, temperature calibration, thermal simulation, software development, reliability in micro / nanotechnologies</li> </ul>	

PAGE (TECHNIQUES)	ESTABLISHMENT	ADDRESS WEBSITE	CONTACT PERSON AND ASSISTED TECHNIQUES
	BESTEC GmbH	Am Studio 2 B 12489 Berlin <a href="http://www.bestec.de">www.bestec.de</a>	Rainer Hammerschmidt (see area of activity)
10 11 23 30	Biopract GmbH	Magnusstraße 11 12489 Berlin <a href="http://www.biopract.de">www.biopract.de</a>	Dr. Joachim Pfeiffer (GC-FD, GC-RI, GC-UV, HFT, HPLC-UV, Rheometry, UV-VIS)
10 11	BIOWORX Biotechnologielabor - Thomas Grimm	Volmerstraße 7 B 12489 Berlin <a href="http://www.bioworx.de">www.bioworx.de</a>	Thomas Grimm (FPLC, GC-FID, HPLC-DAD, HPLC-FD, HPLC-RI, HPLC-UV)
22 25 26	Bruker Nano GmbH	Am Studio 2 D 12489 Berlin <a href="http://www.bruker.com/nano-analysis">www.bruker.com/nano-analysis</a>	Stefan Langner (EBSD, ESMA/EPMA, RFA)
11	Capsulation Pharma AG	Volmerstraße 7 B 12489 Berlin <a href="http://capsulation.com">capsulation.com</a>	Wolfgang Borch Christina Streich (HPLC)
11 30	Chromicent GmbH	Rudower Chaussee 29 12489 Berlin <a href="http://www.chromicent.de">www.chromicent.de</a>	Alexander Schmidt (Abrasion test, Dissolution rate measurements, HPLC, HPLC-CAD, HPLC-DAD, HPLC-FD, HPLC-RI, HPLC-UV, Release behavior, SFC, SFC-DAD, SFC-MS-MS, Tensile strength measurements, UPLC, UPLC-DAD, UPLC-FD, UPLC-MS, UPLC-MS-MS)

TELEPHONE, FAX E-MAIL	AREA OF ACTIVITY	
Tel.: +49 30 6774 376 <a href="mailto:info@bestec.de">info@bestec.de</a>	<ul style="list-style-type: none"> <li>• Research and development</li> <li>• Production of surface analytical and coating systems</li> </ul>	
Tel.: +49 30 6392 6205 Fax: +49 30 6392 6206 <a href="mailto:biopract@biopract.de">biopract@biopract.de</a>	<ul style="list-style-type: none"> <li>• Development, production, and application of technical enzymes, biotechnology methods for water and soil remediation, consultancy services</li> </ul>	
Tel.: +49 30 6392 1041 Fax: +49 30 6392 1042 <a href="mailto:info@bioworx.de">info@bioworx.de</a>	<ul style="list-style-type: none"> <li>• Biocatalytic process development</li> <li>• Microtitre plate, minibioreactor, shake flask, stirred tank reactor, and small fermenterscreenings</li> </ul>	
Tel.: +49 30 670990 0 <a href="mailto:info.bna@bruker.com">info.bna@bruker.com</a>	<ul style="list-style-type: none"> <li>• Scientific instruments and solutions for materials research and for industrial and applied analytics</li> <li>• X-ray spectrometers and detectors</li> <li>• Equipment engineering for electron backscatter diffraction (EBSD) in scanning electron microscopy</li> </ul>	
Tel.: +49 30 6706 9190 Fax: +49 30 6706 919101 <a href="mailto:info@capsulation.com">info@capsulation.com</a>	<ul style="list-style-type: none"> <li>• Manufacture of magnetic nanoparticle dispersions (ferrofluids) for preclinical applications</li> </ul>	
Tel.: +49 30 2332 89310 <a href="mailto:alexander.schmidt@chromicent.de">alexander.schmidt@chromicent.de</a>	<ul style="list-style-type: none"> <li>• Development of analytic methods, including validation, consulting, training, and auditing in the pharmaceutical field</li> </ul>	







PAGE (TECHNIQUES)	ESTABLISHMENT	ADDRESS WEBSITE	CONTACT PERSON AND ASSISTED TECHNIQUES
23	ColVisTec AG	Max-Planck-Straße 3 12489 Berlin <a href="http://www.colvistec.de">www.colvistec.de</a>	Fuat Eker (transmission spectroscopy, UV-VIS)
30	Crystal Photonics GmbH	Albert-Einstein-Straße 16 12489 Berlin <a href="http://www.crystal-photonics.com">www.crystal-photonics.com</a>	Klaus Schwenkenbecher (Dark current measurements, Oscilloscope, Pulse rate analysis)
12 27 29 30	Dr. Lerche KG	Justus-von-Liebig-Straße 3 12489 Berlin <a href="http://www.lerche-biotec.com">www.lerche-biotec.com</a>	Dr. Holger Woehlecke (Coulter counter, Dispersion analysis, GPC, Laser particle measurement, Laser scattered light particle analysis, Particle size distribution, Rheometry, Separation analysis, Zetasizer)
21	Dr. Michael Himmelhaus - nanoBioAnalytics	Max-Planck-Straße 3 12489 Berlin <a href="http://www.nanobioanalytics.com">www.nanobioanalytics.com</a>	Dr. Michael Himmelhaus (RAMAN)
	Eurofins Umwelt Ost GmbH Berlin office	Rudower Chaussee 29 12489 Berlin <a href="http://www.eurofins-umwelt-ost.de">www.eurofins-umwelt-ost.de</a>	Astrid Sperrhacker (see area of activity)
12 13 23	Eurofins SOFIA Chemisches Labor für Softwareentwicklung und Intelligente Analytik	Rudower Chaussee 29 12489 Berlin <a href="http://www.eurofins.de/sofia">www.eurofins.de/sofia</a>	Dr. Helmut Rost Katrin Rentsch (GC-MS, GC-MS-MS, HPLC-FD, HPLC-UV, LC-MS-MS, UV-VIS)

TELEPHONE, FAX E-MAIL	AREA OF ACTIVITY	
Tel.: +49 30 6392 7815 Fax: +49 30 6392 7818 <a href="mailto:info@colvistec.de">info@colvistec.de</a>	<ul style="list-style-type: none"> <li>Process development and process analysis by continuous monitoring of the spectrum in the process</li> </ul>	
Tel.: +49 30 3466 9300 Fax: +49 30 3466 9299 <a href="mailto:info@crystal-photonics.com">info@crystal-photonics.com</a>	<ul style="list-style-type: none"> <li>Nuclear radiation detectors for medical engineering, industry, and research</li> <li>Customisation of nuclear radiation detectors</li> <li>Medical gamma probes</li> </ul>	
Tel.: +49 30 6780 6050 Fax: +49 30 6780 6056 <a href="mailto:office@lerche-biotec.com">office@lerche-biotec.com</a>	<ul style="list-style-type: none"> <li>Development and application of micro- and macroencapsulation methods for cell aggregates, cells, and macromolecules</li> <li>Further development, production, and marketing of reference particles</li> <li>Specialised services in the field of material characterisation</li> </ul>	
Tel.: +49 30 6392 2198 Fax: +49 30 6392 2198 <a href="mailto:info@nanobioanalytics.com">info@nanobioanalytics.com</a>	<ul style="list-style-type: none"> <li>Development and production of biomedical instruments (microparticle sensor systems, process Raman systems, fibre sensors, high resolution optical spectrographs)</li> </ul>	
Tel.: +49 3641 4649 0 Fax: +49 3641 4649 19 <a href="mailto:info_jena@eurofins.de">info_jena@eurofins.de</a>	<ul style="list-style-type: none"> <li>Classical environmental analytics including sampling, toxicological analyses, biotests, fuel analytics, microbiological investigations, agricultural nutrient analyses, product analytics, biogas investigations, and resorption availability in contaminated soil material</li> </ul>	
Tel.: +49 30 6779 8560 Fax: +49 30 6779 8588 <a href="mailto:HelmutRost@eurofins.com">HelmutRost@eurofins.com</a> <a href="mailto:sofia@eurofins.de">sofia@eurofins.de</a>	<ul style="list-style-type: none"> <li>Analytical chemistry of organic contaminants in food/feed/ environment/water samples</li> </ul>	

PAGE (TECHNIQUES)	ESTABLISHMENT	ADDRESS WEBSITE	CONTACT PERSON AND ASSISTED TECHNIQUES
	FOC-fibre optical components GmbH	Justus-von-Liebig-Straße 7 12489 Berlin <a href="http://www.foc-fo.de">www.foc-fo.de</a>	Axel Thiel (see area of activity)
26 27 29 30 31	GNF Gesellschaft zur Förderung der naturwissenschaftlich-technischen Forschung in Berlin-Adlershof e. V.	Volmerstraße 7 B 12489 Berlin <a href="http://www.gnf-berlin.de">www.gnf-berlin.de</a>	Björn Knauthe (BET measurements, Density measurements, Diffusion measurements, High pressure mercury porosimetry, Laser XRD, Low pressure mercury porosimetry, Luminous bacteria test, NPOC, pH measurements, Rheometry, TC, Tensile strength measurements, TIC, TN <sub>5</sub> , TOC, Wet and dry weight measurements, X-ray reactor chamber, XRD)
14 16 21 22 23	Greateyes GmbH	Rudower Chaussee 29 12489 Berlin <a href="http://www.greateyes.de">www.greateyes.de</a>	Dr. Martin Regehly (AAS, Fluorescence spectroscopy, Photoluminescence spectroscopy, Raman spectroscopy, Reflectance spectroscopy, Transmission spectroscopy)
	GxP brain GmbH	Rudower Chaussee 29 12489 Berlin <a href="http://www.gxp-brain.com">www.gxp-brain.com</a>	Nimer Yusef, Jana Pieritz (see area of activity)
	HF Biotec Berlin GmbH	Volmerstraße 9 B 12489 Berlin <a href="http://www.hf-biotec.com">www.hf-biotec.com</a>	Dr. Dimitrij Bieren (see area of activity)
30 31	Histalim	Rudower Chaussee 29 12489 Berlin <a href="http://www.histalim.de">www.histalim.de</a>	Dr. Isabelle Petit-Galvin (Computer image analysis, Histological measurements, ICH, ISH, TM)

CR SP MI SA OT







chromatography [CR], spectroscopy [SP], microscopy [MI], surface/structure analysis [SA], other techniques [OT]

TELEPHONE, FAX E-MAIL	AREA OF ACTIVITY	
Tel.: +49 30 5655 0733 Fax: +49 30 5655 0719 <a href="mailto:axel.thiel@foc-fo.de">axel.thiel@foc-fo.de</a>	<ul style="list-style-type: none"> <li>Development and production of passive optical componentry and systems for the telecommunications industry and related fields</li> </ul>	
Tel.: +49 30 6392 4802 <a href="mailto:mail@gnf-berlin.de">mail@gnf-berlin.de</a>	<ul style="list-style-type: none"> <li>Adsorbents and water purification</li> <li>Building material chemistry and development</li> <li>Sensor and environmental technologies (G.E.R.U.S.)</li> </ul>	
Tel.: +49 30 6392 6237 Fax: +49 30 6392 6238 <a href="mailto:info@greateyes.de">info@greateyes.de</a>	<ul style="list-style-type: none"> <li>Development and production of high performance digital cameras for spectroscopy and imaging applications</li> </ul>	
Tel.: +49 30 577 00 80 0 <a href="mailto:team@gxp-brain.com">team@gxp-brain.com</a>	<ul style="list-style-type: none"> <li>Software for the pharmaceutical industry: GxP regulations, logistics for clinical research, clinical trials and IVRS</li> </ul>	
Tel.: +49 30 6392 2910 Fax: +49 30 6392 2913 <a href="mailto:info@hf-biotec.com">info@hf-biotec.com</a>	<ul style="list-style-type: none"> <li>Development of technologies and processes in the fields of fermentation (currently special biogas processes), biogas refinement, and PCC production</li> </ul>	
Tel.: +49 30 5659-08540 <a href="mailto:igalvin-petit@histalim.com">igalvin-petit@histalim.com</a>	<ul style="list-style-type: none"> <li>GLP-certified specialist laboratory for histology, special stains and associated molecular methods</li> <li>Development and validation of histology, immunohistochemistry and in situ hybridization methods / protocols</li> </ul>	









PAGE (TECHNIQUES)	ESTABLISHMENT	ADDRESS WEBSITE	CONTACT PERSON AND ASSISTED TECHNIQUES
14 16 27 28 29 30	Humboldt-Universität zu Berlin - Geographisches Institut	Rudower Chaussee 16 12489 Berlin <a href="http://www.geographie.hu-berlin.de">www.geographie.hu-berlin.de</a>	Dr. Arnim Martin (Gamma-spectroscopy, ICP-OES, Laser diffractometry, OSL/TL, Powder XRD)
			Prof. Dr. Wilfried Endlicher Dr. Marcel Langner (TEOM with FDMS, UFM)
12 13 14 16 17 20 21 23 24 25 26 29 30 31	Humboldt-Universität zu Berlin - Institut für Chemie	Brook-Taylor-Straße 2 12489 Berlin <a href="http://www.chemie.hu-berlin.de">www.chemie.hu-berlin.de</a>	Prof. Dr. Erhard Kemnitz (BET measurements, DTA-TG-MS, FT-IR, MAS-NMR, Powder XRD)
			Dr. Christian Herwig (CV, ESI-MS, GC-MS, IR, RAMAN, UV-VIS, XRD)
			Dr. Mike Ahrens (FT-FIR, FT-MIR, FT-RAMAN, GC-MS, Monocrystal XRD, MS, NMR, UV-VIS)
			Prof. Dr. Michael Linscheid Dr. Sebastian Beck (CE, ESI-HRMS-MS, ESI-MS-MS, LC-ESI/APCI-MS, LC-ICP-MS, MALDI-MS)

CR SP MI SA OT chromatography [CR], spectroscopy [SP], microscopy [MI], surface/structure analysis [SA], other techniques [OT]

TELEPHONE, FAX E-MAIL	AREA OF ACTIVITY	
Tel.: +49 30 2093 6816 arnim.martin@geo.hu-berlin.de	<ul style="list-style-type: none"> <li>Physical geography: geomorphology and soil science laboratories</li> <li>Determination of soil parameters</li> <li>Determination of elements and mineral compositions</li> <li>Dating</li> </ul>	
Tel.: +49 30 2093 6808 wilfried.endlicher@geo.hu-berlin.de	<ul style="list-style-type: none"> <li>Physical geography: climatology and air hygiene laboratories</li> <li>Determination of atmospheric air pollutants (immissions and depositions)</li> </ul>	
Tel.: +49 30 2093 7555 erhard.kemnitz@chemie.hu-berlin.de	<ul style="list-style-type: none"> <li>General and inorganic chemistry: solid state chemistry/heterogeneous catalysis</li> </ul>	
Tel.: +49 30 2093 7406 christian.herwig@chemie.hu-berlin.de	<ul style="list-style-type: none"> <li>General and inorganic chemistry: coordination chemistry/oxidations</li> </ul>	
Tel.: +49 30 2093 3913 Fax: +49 30 2093 7468 mike.ahrens@staff.hu-berlin.de	<ul style="list-style-type: none"> <li>General and inorganic chemistry: organometallic chemistry and homogeneous catalysis</li> <li>Inorganic molecular chemistry, fluorine chemistry</li> <li>Synthesis under inert conditions</li> </ul>	
Tel.: +49 30 2093 7575 Fax: +49 30 2093 6985 analytik@chemie.hu-berlin.de	<ul style="list-style-type: none"> <li>Applied analytics and environmental chemistry</li> </ul>	









PAGE (TECHNIQUES)	ESTABLISHMENT	ADDRESS WEBSITE	CONTACT PERSON AND ASSISTED TECHNIQUES
<p>12 13 14 16 17 20</p> <p>21 23 24 25 26 29</p> <p>30 31</p>	Humboldt-Universität zu Berlin - Institut für Chemie	Brook-Taylor-Straße 2 12489 Berlin <a href="http://www.chemie.hu-berlin.de">www.chemie.hu-berlin.de</a>	Prof. Dr. Christoph Arenz (Biacore, Fluoreszenz spectroscopy, RTD-PCR, Scintillation counter)
			Prof. Dr. Oliver Seitz (Fluorescence spectroscopy, Gel electrophoresis, HPLC, MS, UPLC, UV-VIS)
			Dr. Lutz Grubert Björn Kobin (CD-Spectroscopy, CV, DSC, Fluorescence spectroscopy, FT-IR, FT-IR microscopy, GC-MS, GPC, HPLC-DAD, RDE, recycl. LC, Spectroelectrochemistry, TGA, UPLC-MS, UV-VIS, Voltammetry)
			Prof. Dr. Janina Kneipp (ESEM)
<p>14 15 16 17 21 22</p> <p>23 24 25 28 29 32</p>	HZB - Helmholtz-Zentrum Berlin für Materialien and Energie GmbH, Elektronenspeicherring BESSY II	Albert-Einstein-Straße 15 12489 Berlin <a href="http://www.helmholtz-berlin.de">www.helmholtz-berlin.de</a>	Dr. Thomas Gutberlet Dr. Antje Vollmer (AES, ESCA, ESR, EXAFS, FIR, Fluorescence microscopy, Fluorescence spectroscopy, Infrared microscopy, NEXAFS, PEEM, Protein crystallization, RAMAN, Reflectance spectroscopy, Reflectometry, RFA, RIXS, SAXS, SXE, Tensile strength measurements, Transmissionspectroscopy, UPS, UV-VIS, X-ray CD, X-ray Microscopy, X-ray tomography, XPS, XRD)
<p>12 13 14 16 17</p>	I.U.T. Institut für Umwelttechnologien GmbH	Justus-von-Liebig-Straße 6 12489 Berlin <a href="http://www.iut-berlin.com">www.iut-berlin.com</a>	Dr. Bernhard Koch (Alpha particle spectroscopy, Beta particle spectroscopy [LSC and Low-Level-Counter], FT-IR, Gamma spectroscopy, GC-MS, LC-MS)

TELEPHONE, FAX E-MAIL	AREA OF ACTIVITY	
Tel.: +49 30 2093 8393 <a href="mailto:christoph.arenz@chemie.hu-berlin.de">christoph.arenz@chemie.hu-berlin.de</a>	• Organic and bioorganic chemistry: bioorganic chemistry	
Tel.: +49 30 2093 7446 <a href="mailto:oliver.seitz@chemie.hu-berlin.de">oliver.seitz@chemie.hu-berlin.de</a>	• Organic and bioorganic chemistry: bioorganic synthesis	
Tel.: +49 30 2093 7365 Fax: +49 30 2093 6940 <a href="mailto:sh@chemie.hu-berlin.de">sh@chemie.hu-berlin.de</a> ( <a href="http://www.hechtlab.de">www.hechtlab.de</a> )	• Organic and bioorganic chemistry: organic and functional materials	
Tel.: +49 30 2093 7171 <a href="mailto:janina.kneipp@chemie.hu-berlin.de">janina.kneipp@chemie.hu-berlin.de</a>	• Physical chemistry	
Tel.: +49 30 8062 0 Fax: +49 30 8062 12990 <a href="mailto:info@helmholtz-berlin.de">info@helmholtz-berlin.de</a>	• Functional materials • Magnetic materials • Solar energy research • R&D accelerators • Energy material	
Tel.: +49 30 6392 5517 Fax: +49 30 6392 4831 <a href="mailto:b.koch@iut-berlin.com">b.koch@iut-berlin.com</a>	• Radioactivity measurements • Development of radiochemical processes • Isotope abundance analyses • Standard methods of organic and general analytics	







CR SP MI SA OT chromatography [CR], spectroscopy [SP], microscopy [MI], surface/structure analysis [SA], other techniques [OT]

PAGE (TECHNIQUES)	ESTABLISHMENT	ADDRESS WEBSITE	CONTACT PERSON AND ASSISTED TECHNIQUES
26	IfG - Institute for Scientific Instruments GmbH	Rudower Chaussee 29/31 12489 Berlin <a href="http://www.ifg-adlershof.de">www.ifg-adlershof.de</a>	Yvonne Höhn (ESMA/EPMA)
20 22 26	Institut für angewandte Photonik e. V.	Rudower Chaussee 29/31 12489 Berlin <a href="http://www.iap-adlershof.de">www.iap-adlershof.de</a>	Dr. Reiner Wedell (AFM, REM, RFA, XRD)
24	IsoAnalysis UG	Gustav-Müller-Straße 38 10829 Berlin  Volmerstraße 7 B 12489 Berlin <a href="http://www.isoanalysis.de">www.isoanalysis.de</a>	Dr. Martin Rosner (TIMS)
	IUT Medical GmbH	Volmerstraße 7 B 12489 Berlin	Prof. Dr. Jürgen Leonhardt (see area of activity)
	JP-ProteQ	Carl-Scheele-Straße 16 12489 Berlin <a href="http://www.jp-proteq.com">www.jp-proteq.com</a>	Dr. Jürgen Paetow (see area of activity)
12 18	JPT Peptide Technologies GmbH	Volmerstraße 5 12489 Berlin <a href="http://www.jpt.com">www.jpt.com</a>	Dr. Marco Schulz Dr. Julia Nehmer (HPLC, LC-MS, MALDI-TOF-MS)







TELEPHONE, FAX E-MAIL	AREA OF ACTIVITY	
Tel.: +49 30 6392 6500 <a href="mailto:info@ifg-adlershof.de">info@ifg-adlershof.de</a>	<ul style="list-style-type: none"> <li>• Research and development in selected fields of X ray physics</li> <li>• Production of X ray analytical equipment and componentry</li> <li>• Process oriented in- and offline instrumentation</li> </ul>	
Tel.: +49 30 6392 6503 Fax: +49 30 6392 6501 <a href="mailto:wedell@iap-adlershof.de">wedell@iap-adlershof.de</a>	<ul style="list-style-type: none"> <li>• Application oriented basic research</li> <li>• Process oriented X ray analytics</li> <li>• Photonic crystal fibres</li> <li>• Raytracing</li> <li>• Other elements from micro- and nanostructured glass</li> </ul>	
Tel.: +49 30 8104 4112 <a href="mailto:info@isoanalysis.de">info@isoanalysis.de</a>	<ul style="list-style-type: none"> <li>• Material characterisation, determination of origin, forensics, archaeometry, environmental monitoring</li> </ul>	
Tel.: +49 30 2014 33000 <a href="mailto:j.leonhardt@iut-medical.com">j.leonhardt@iut-medical.com</a>	<ul style="list-style-type: none"> <li>• Development and production of IMS and PID based analytical instruments</li> </ul>	
Tel.: +49 30 6392 7187 Fax: +49 30 6392 7189 <a href="mailto:info@jp-proteq.com">info@jp-proteq.com</a>	<ul style="list-style-type: none"> <li>• Analytics service provider</li> <li>• Application and trading on the market of established analysis systems</li> <li>• Development of special accessories for industrial laser systems</li> <li>• Integrated measuring system solutions for customer industrial processes</li> </ul>	
Tel.: +49 30 6392 5500 Fax: +49 30 6392 5501 <a href="mailto:info@jpt.com">info@jpt.com</a>	<ul style="list-style-type: none"> <li>• Peptidebased services for biomedical research</li> <li>• Peptide synthesis</li> <li>• Contract research</li> </ul>	

PAGE (TECHNIQUES)	ESTABLISHMENT	ADDRESS WEBSITE	CONTACT PERSON AND ASSISTED TECHNIQUES
16 17 33	JTL-BioTec.Analytics	Carl-Scheele-Straße 16 12489 Berlin <a href="http://www.biotec-analytics.de">www.biotec-analytics.de</a>	Frank Wagner (Impedance spectroscopy, NIR, Sonocrystallisation)
14 15 17 21 24	Leibniz-Institut für Analytische Wissenschaften - ISAS - e. V.	Schwarzschildstraße 8 12489 Berlin <a href="http://www.isas.de">www.isas.de</a>	Dr. Stefan Florek Dr. Mao-Dong Huang (HR-CS AAS)
			Dr. Karsten Hinrichs (FT-IR, FT-IR microscopy, IR-AFM, Laser-MIR, MIR, MIR ellipso- metry, NIR ellipsometry)
			Prof. Dr. Norbert Esser Dr. Eugen Speiser (RAMAN, VUV-VIS ellipsometry)
12 13 14 15 16 17 20 23 25 29	Leibniz-Institut für Katalyse e. V. an der Universität Rostock Berlin office	Volmerstraße 7 B 12489 Berlin <a href="http://www.catalysis.de">www.catalysis.de</a>	Prof. Dr. Bernhard Lücke Methods are only available in Rostock (AAS, AES, Elemental analysis, ESR, GC, GC-MS, HPLC, ICP-OES, IR-ATR, LC-MS, Monocrystal XRD, MS, NMR, Powder XRD, REM, TEM, UPS, UV-VIS, XPS)
24	Leibniz-Institut für Kristallzüchtung (IKZ)	Max-Born-Straße 2 12489 Berlin <a href="http://www.ikz-berlin.de">www.ikz-berlin.de</a>	Dr. Torsten Boeck (AFM)






CR SP MI SA OT chromatography [CR], spectroscopy [SP], microscopy [MI], surface/structure analysis [SA], other techniques [OT]

TELEPHONE, FAX E-MAIL	AREA OF ACTIVITY	
Tel.: +49 30 6782 3037 Fax: +49 30 6782 4088 <a href="mailto:info@biotec-analytics.de">info@biotec-analytics.de</a>	<ul style="list-style-type: none"> <li>Milk analytics</li> <li>Development and marketing of analytical equipment for diagnosing mastitis in raw milk</li> <li>Milk fat quantitation</li> <li>Determination of concentrations in aqueous solutions</li> </ul>	
Tel.: +49 231 1392 3577 <a href="mailto:florek@isas.de">florek@isas.de</a>	Development and optimisation of spectroscopic processes, methods, and instruments and their application in material and interface analytics	
Tel.: +49 231 1392 3541 Fax: +49 231 1392 3544 <a href="mailto:hinrichs@isas.de">hinrichs@isas.de</a>		
Tel.: +49 231 1392 3543 Fax: +49 231 1392 3544 <a href="mailto:esser@isas.de">esser@isas.de</a>		
Tel.: +49 30 6392 4028 <a href="mailto:bernhard.luecke@catalysis.de">bernhard.luecke@catalysis.de</a>	Research and development of homogeneous and heterogeneous catalysts, their methods and technologies	
Tel.: +49 30 6392 3051 <a href="mailto:boeck@ikz-berlin.de">boeck@ikz-berlin.de</a>	<ul style="list-style-type: none"> <li>Growing of crystalline materials and development of new crystal substances</li> <li>Preparation, characterisation, and production of defined samples for IT, power electronics, photovoltaics, sensor systems, and optics</li> </ul>	

PAGE (TECHNIQUES)	ESTABLISHMENT	ADDRESS WEBSITE	CONTACT PERSON AND ASSISTED TECHNIQUES
17 23	LLA Instruments GmbH	Justus-von-Liebig-Straße 9/11 12489 Berlin <a href="http://www.lla.de">www.lla.de</a>	Dr. Hartmut Lucht (NIR, UV-VIS)
18 19 21	LTB Lasertechnik Berlin GmbH	Am Studio 2 C 12489 Berlin <a href="http://www.ltb-berlin.de">www.ltb-berlin.de</a>	David Mory (LIBS, LIF, RAMAN)
21	microParticles GmbH	Volmerstraße 9 A 12489 Berlin <a href="http://www.microparticles.de">www.microparticles.de</a>	Dr. Karl-Heinz Lerche (PCS)
15 19 21 22 23 24 28 29	Physikalisch-Technische Bundesanstalt (PTB)	Abbestraße 2-12 10587 Berlin „Willy-Wien-Laboratorium“ Magnusstraße 9 12489 Berlin <a href="http://www.ptb.de">www.ptb.de</a>	Dr. Gerhard Ulm (ESCA, EUV reflectometry, EXAFS, FT-FIR, FT-IR, FT-MIR, Infra-red microscopy, Near field microscopy, NEXAFS, RFA, SAXS, UPS, VUV reflectometry, VUV-VIS ellipsometry, X-ray reflectometry, XUV-Scatterometry)
12 13 19 23 32	PiCA Prüfinstitut Chemische Analytik GmbH	Rudower Chaussee 29 12489 Berlin <a href="http://www.pica-berlin.de">www.pica-berlin.de</a>	Dr. Andreas Mattulat Andy Mechliniski (Emissions measurements, FT-IR, GC-ECD, GC-FID, GC-MS, GC-MS-MS, GC-PND, GC-WLD, GPC, HPLC-DAD, HPLC-FD, HPLC-RI, HPLC-UV, HS-GC-MS, LC-MS, LC-MS-MS, Migration measurements, P&T-GC-MS-MS, Pyrolysis GC-HRMS, SPME-GC-MS-MS, TDS-GC-MS, UV-VIS)
18 24	PicoQuant GmbH	Rudower Chaussee 29 (postal address) Kekuléstraße 7 (visitor addre) 12489 Berlin <a href="http://www.picoquant.com">www.picoquant.com</a>	Dr. Andreas Bültter (FCS, FLIM, FRET)







TELEPHONE, FAX E-MAIL	AREA OF ACTIVITY	
Tel.: +49 30 6290 7900 <a href="mailto:lucht@lla.de">lucht@lla.de</a>	<ul style="list-style-type: none"> <li>Manufacturer and provider of imaging spectral analysis instrumentation and multiplexed spectral analytical equipment designed to measure material flows for process and quality control</li> </ul>	
Tel.: +49 30 912 075 100 Fax: +49 30 912 075 199 <a href="mailto:info@ltb-berlin.de">info@ltb-berlin.de</a>	<ul style="list-style-type: none"> <li>Developer and producer of short pulse lasers over the whole optical spectral range, high resolution spectrometers, and laser based measuring technologies</li> </ul>	
Tel.: +49 30 6392 2565 <a href="mailto:info@microparticles.de">info@microparticles.de</a>	<ul style="list-style-type: none"> <li>Development, production, surface modification, and characterisation of monodisperse polymer particles on the nano- and micrometre scale</li> </ul>	
Tel.: +49 30 3481 7312 Fax: +49 30 3481 7503 <a href="mailto:gerhard.ulm@ptb.de">gerhard.ulm@ptb.de</a>	<ul style="list-style-type: none"> <li>Metrology institute with scientific and technical service assignments</li> <li>Department 7: <ul style="list-style-type: none"> <li>Meteorology and synchrotron radiation</li> <li>Quantitative measurements over an ultra wide spectral range (THz to X ray) with dedicated instrumentation</li> </ul> </li> </ul>	
Tel.: +49 30 2556 6000 Fax: +49 30 2556 6001 <a href="mailto:mail@pica-berlin.de">mail@pica-berlin.de</a>	<ul style="list-style-type: none"> <li>General analytic: product analysis, cosmetics, textiles, indoor analysis, environmental analysis, special analytics (all organic) and research</li> </ul>	
Tel.: +49 30 6392 6929 Fax: +49 30 6392 6561 <a href="mailto:info@picoquant.com">info@picoquant.com</a>	<ul style="list-style-type: none"> <li>Research and development in the fields of optoelectronics, laser technologies, and sensor systems, specifically for biomedical and analytical applications</li> </ul>	

PAGE (TECHNIQUES)	ESTABLISHMENT	ADDRESS WEBSITE	CONTACT PERSON AND ASSISTED TECHNIQUES
18 21 22 23 24 25 26	PlasmaChem GmbH	Rudower Chaussee 29 12489 Berlin <a href="http://www.plasmachem.com">www.plasmachem.com</a>	Dr. Alexei Antipov (AFM, BET-measurements, Contact angle measurement, Fluorescence spectroscopy, PCS, RAMAN, REM, RFA, UV-VIS)
18 32	Privatinstitut Galenus GmbH	Volmerstraße 7 A 12489 Berlin <a href="http://www.galenus.com">www.galenus.com</a>	Norbert Groth (ESR, RPF)
12 13 32	Proteome Factory AG	Magnusstraße 11 12489 Berlin <a href="http://www.proteomefactory.com">www.proteomefactory.com</a>	Prof. Dr. Christian Scheler (2D-Page, Edman sequencer, FPLC, HPLC-DAD, HPLC-FD, HPLC-UV, IEF, LC-MS-MS, SDS-Page, Western-blot)
27	RTG Mikroanalyse GmbH Berlin	Schwarzschildstraße 1 12489 Berlin <a href="http://www.rtg-berlin.de">www.rtg-berlin.de</a>	Dr. Peter Helm (SIMS)
32	SCIENION AG	Volmerstraße 7 B 12489 Berlin <a href="http://www.sciension.com">www.sciension.com</a>	Katrin Welzel (Lateral-Flow-Assays and Microarrays)
33	SCW Process Technology Development GmbH	Volmerstraße 7 B 12489 Berlin	Dr. Manfred Weber (TG-DTA, TMA)

TELEPHONE, FAX E-MAIL	AREA OF ACTIVITY	
Tel.: +49 30 6392 6313 Fax: +49 30 6392 6314 <a href="mailto:info@plasmachem.com">info@plasmachem.com</a>	<ul style="list-style-type: none"> <li>Research and development of upper nearby analysis, new coatings, DNA chips and nano powder / capsules</li> </ul>	
Tel.: +49 30 6777 5497 Fax: +49 30 6777 5498 <a href="mailto:info@galenus.com">info@galenus.com</a>	<ul style="list-style-type: none"> <li>UV protection, verification of free radicals, determination of vitamin F and E activities in cosmetics and medicine</li> </ul>	
Tel.: +49 30 2061 6265 Fax: +49 30 2061 6267 <a href="mailto:service@proteomefactory.com">service@proteomefactory.com</a>	<ul style="list-style-type: none"> <li>Protein analysis, proteomics, mass spectroscopy</li> <li>Broad-based methodological pipeline for biomarker searches, quantification and sequence analysis</li> </ul>	
Tel.: +49 30 6392 1146 Fax: +49 30 6392 1147 <a href="mailto:info@rtg-berlin.de">info@rtg-berlin.de</a>	<ul style="list-style-type: none"> <li>Quantitative analyses of contaminants and doping, depth profiles, determination of matrix compositions, mapping of lateral element distributions, 3D microanalyses, error analyses, mass spectra</li> </ul>	
Tel.: +49 30 6392 1700 +49 30 6392 1744 Fax: +49 30 6392 1701 <a href="mailto:support@sciension.de">support@sciension.de</a>	<ul style="list-style-type: none"> <li>Assay miniaturisation: ultra low volume liquid handling and microarray production</li> </ul>	
Tel.: +49 30 6392 3223 <a href="mailto:scwgmbh@aol.com">scwgmbh@aol.com</a>	<ul style="list-style-type: none"> <li>Chemicals industry</li> <li>Air pollution control</li> <li>Environmental protection and</li> <li>Energy technologies</li> </ul>	





PAGE (TECHNIQUES)	ESTABLISHMENT	ADDRESS WEBSITE	CONTACT PERSON AND ASSISTED TECHNIQUES
15 21	SENTECH Instruments GmbH	Schwarzschildstraße 2 12489 Berlin <a href="http://www.sentech.de">www.sentech.de</a>	Dr. Bernd Gruska (DUV-VIS ellipsometry, MIR ellipsometry, NIR ellipsometry, NIR reflectometry, UV-VIS reflectometry)
	Si Us-Instruments GmbH	Max-Planck-Straße 3 12489 Berlin <a href="http://www.si-us-instruments.de">www.si-us-instruments.de</a>	Dr. Ingolf Piechota (siehe Tätigkeitsbereich)
	skytron energy GmbH	Ernst-Augustin-Straße 15 12489 Berlin <a href="http://www.skytron-energy.com">www.skytron-energy.com</a>	Darija Jezidic (siehe Tätigkeitsbereich)
32	SLM - Speziallabor für Mikrobiologie GmbH	Volmerstraße 7 A 12489 Berlin <a href="http://www.speziallabor.com">www.speziallabor.com</a>	Dr. Birgit Fiedler (Microbiological testing)
32	Solardynamik GmbH	Rudower Chaussee 29 12489 Berlin <a href="http://www.solardynamik.de">www.solardynamik.de</a>	Karl-Friedrich Harter (Durability and mechanical load of polymers)
18 24 26 29 32	Surflay Nanotec GmbH	Max-Planck-Straße 3 12489 Berlin <a href="http://www.surflay.com">www.surflay.com</a>	Dr. Lars Dähne (CLSM, Flow cytometry, Fluorescence spectroscopy, QCM, Zetasizer)

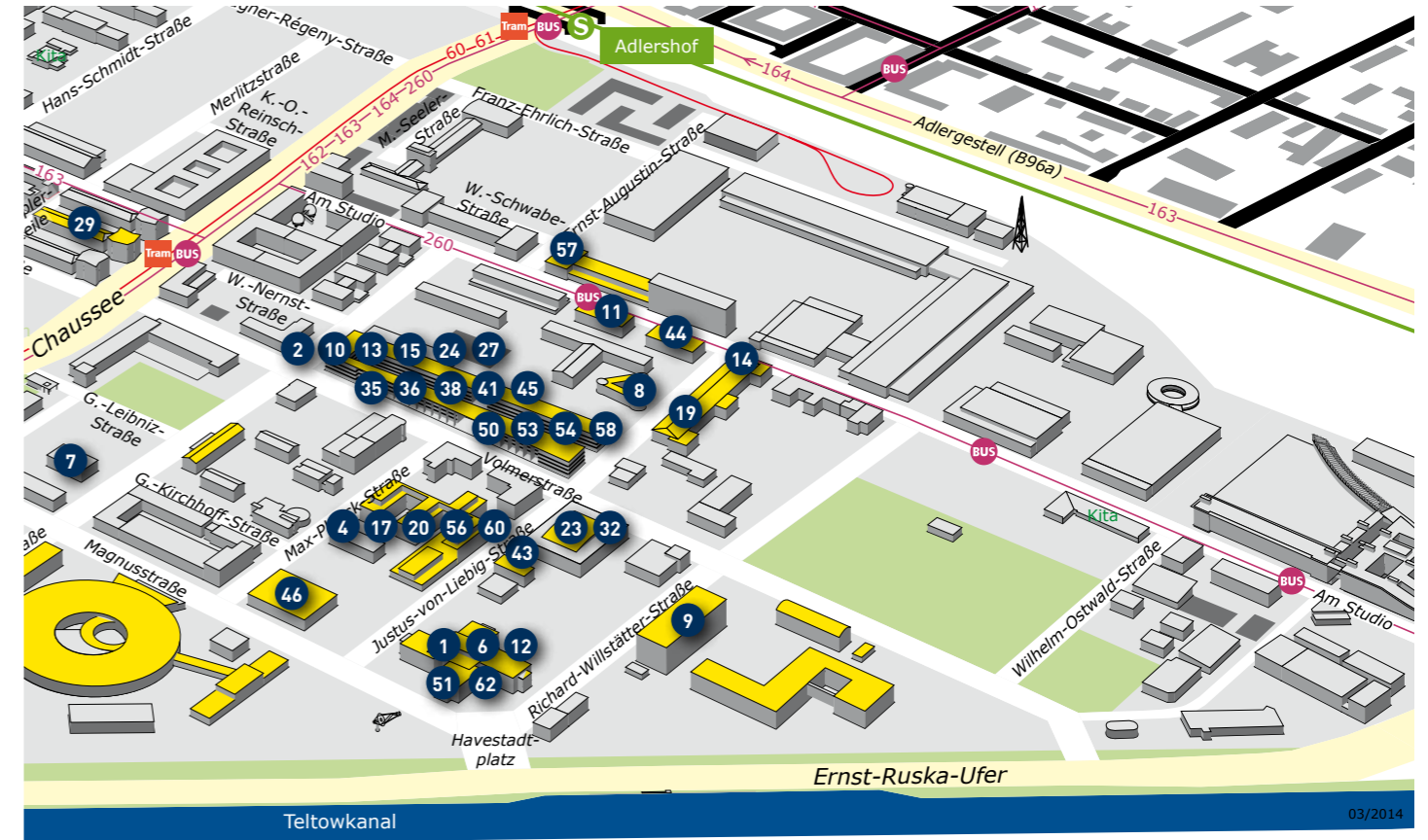
TELEPHONE, FAX E-MAIL	AREA OF ACTIVITY	
Tel.: +49 30 6392 5520 Fax: +49 30 6392 5522 <a href="mailto:info@sentech.de">info@sentech.de</a>	• Development, production, and worldwide marketing of thin film measurement systems (reflectometers, ellipsometers, spectroscopic ellipsometers) and plasma process systems (plasma etchers, plasma deposition systems)	
Tel.: +49 30 351 36436 Fax: +49 30 690 88710 <a href="mailto:info@si-us-instruments.de">info@si-us-instruments.de</a>	• Production of individually packaged sterile surgical disposable instruments made of steel as well as complete surgical sets	
Tel.: +49 30 338 4300 Fax: +49 30 338 43099 <a href="mailto:info@skytron-energy.com">info@skytron-energy.com</a>	• Development of integrated monitoring, control and remote monitoring systems for PV power plants	
Tel.: +49 30 6392 3885 Fax: +49 30 6392 3886 <a href="mailto:birgit.fiedler@speziallabor.com">birgit.fiedler@speziallabor.com</a>	• Microbiological investigations and quality control on medical and pharmaceutical products, foodstuffs, drinking water, and in the construction and environmental fields	
Tel.: +49 178 4720606 <a href="mailto:berlin@solardynamik.de">berlin@solardynamik.de</a>	• Development of solid and dynamic carrier systems of polymer membranes for photovoltaic modules and films	
Tel.: +49 30 6392 1764 Fax: +49 30 6392 1767 <a href="mailto:L.Daehne@surflay.com">L.Daehne@surflay.com</a>	• Surface coating for functionalising colloidal and large surface materials	



PAGE (TECHNIQUES)	ESTABLISHMENT	ADDRESS WEBSITE	CONTACT PERSON AND ASSISTED TECHNIQUES
26	TRIOPTICS Berlin GmbH	Schwarzschildstraße 12 12489 Berlin <a href="http://www.trioptics-berlin.de">www.trioptics-berlin.de</a>	Ricarda Kafka (Interferometer)
32	WITEGA Laboratorien Berlin- Adlershof GmbH	Magnusstraße 11 12489 Berlin <a href="http://www.auftragssynthese.com">www.auftragssynthese.com</a>	Dr. Andreas Rolfs (Elemental analysis, KFT)

TELEPHONE, FAX E-MAIL	AREA OF ACTIVITY	
Tel.: +49 30 6392 3463 Fax: +49 30 6392 3452 <a href="mailto:r.kafka@trioptics-berlin.com">r.kafka@trioptics-berlin.com</a>	<ul style="list-style-type: none"> <li>• Instrumentation</li> <li>• Interferometry</li> <li>• Optical systems</li> </ul>	
Tel.: +49 30 6392 2001 <a href="mailto:witega@witega.de">witega@witega.de</a>	<ul style="list-style-type: none"> <li>• Laboratory synthesis of organic synthesis components, agents, fine chemicals, and reference substances</li> </ul>	

# INSTITUTIONS IN THE FIELD OF ANALYTICS IN ADLERSHOF



- |   |  |  |   |
|---|--|--|---|
| 1 3B Pharmaceuticals GmbH                         | 9 BAM Bundesanstalt für Materialforschung und -prüfung | 18 Crystal Photonics GmbH  | 25 Greateyes GmbH   |
| 2 Accelero Bioanalytics GmbH                      | 10 Berliner Nanotest und Design GmbH                   | 19 Dr. Lerche KG   | 26 GxP brain GmbH   |
| 3 ANAU Berlin-lab GmbH                            | 11 BESTEC GmbH   | 20 Dr. Michael Himmelhaus - nanoBioAnalytics   | 27 HF Biotec Berlin GmbH  |
| 4 ANiMOX GmbH                                     | 12 Biopract GmbH                                       | 21 Eurofins Umwelt Ost GmbH, Berliner Büro   | 28 Histalim   |
| 5 art photonics GmbH                              | 13 BIOWORX Biotechnologielabor -Thomas Grimm-          | 22 Eurofins SOFIA Chemisches Labor für Softwareentwicklung und intelligente Analytik   | 29 Humboldt-Universität zu Berlin - Geographisches Institut   |
| 6 ASCA GmbH Angewandte Synthesechemie Adlershof   | 14 Bruker Nano GmbH                                    | 23 FOC-fibre optical components GmbH   | 30 Humboldt-Universität zu Berlin - Institut für Chemie   |
| 7 Astro- and Feinwerktechnik Adlershof GmbH       | 15 Capsulation Pharma AG                               | 24 GNF Gesellschaft zur Förderung der naturwissenschaftlich-technischen Forschung e.V. | 31 HZB - Helmholtz-Zentrum Berlin für Materialien and Energie GmbH, Elektronenspeicherring BESSY II |
| 8 AZBA Analytisches Zentrum Berlin-Adlershof GmbH | 16 Chromicent GmbH                                     |  | 32 I.U.T. Institut für Umwelttechnologien GmbH  |
|   | 17 ColVisTec AG  |  |   |

- |   |  |  |   |
|---|--|--|---|
| 33 IfG - Institute for Scientific Instruments GmbH                | 41 Leibniz-Institut für Katalyse e. V. an der Universität Rostock, Berliner Büro | 48 PicoQuant GmbH                          | 57 skytron energy GmbH                                  |
| 34 Institut für angewandte Photonik e. V.                         | 42 Leibniz-Institut für Kristallzüchtung (IKZ)                                   | 49 PlasmaChem GmbH                         | 58 SLM - Speziallabor für angewandte Mikrobiologie GmbH |
| 35 IsoAnalysis UG   | 43 LLA Instruments GmbH  | 50 Privatinstitut Galenus GmbH             | 59 Solardynamik GmbH                                    |
| 36 IUT Medical GmbH   | 44 LTB Lasertechnik Berlin GmbH  | 51 Proteome Factory AG                     | 60 SurfRay Nanotec GmbH                                 |
| 37 JP-ProteQ  | 45 microParticles GmbH   | 52 RTG Mikroanalyse GmbH Berlin            | 61 TRIOPTICS Berlin GmbH                                |
| 38 JPT Peptide Technologies GmbH                                  | 46 Physikalisch-Technische Bundesanstalt (PTB)                                   | 53 SCIENION AG                             | 62 WITEGA Laboratorien Berlin-Adlershof GmbH            |
| 39 JTL-BioTec.Analytics   | 47 PiCA - Prüfinstitut Chemische Analytik GmbH                                   | 54 SCW Process Technology Development GmbH |   |
| 40 Leibniz-Institut für Analytische Wissenschaften - ISAS - e. V. |  | 55 SENTECH Instruments GmbH                |   |
|   |  | 56 Si Us-Instruments GmbH                  |   |

## TRAFFIC CONNECTIONS

### BY CAR

- Berliner Ring A10
- At Schönfelder Kreuz, merge into the A 113 in direction „Berlin-Schönefeld Airport/BER“
- Exit at „Adlershof“

- Inner city highways A100/A113
- Take inner city highway to Berlin-Schönefeld Airport/BER
- Exit at „Adlershof“

- City centre
- Follow „Bundesstraße 96A“ in direction „Flughafen Berlin-Schönefeld/BER“
- Turn right at the S-Bahn station „Adlershof“ and merge into „Rudower Chaussee“

### BY PUBLIC TRANSPORT

- Hauptbahnhof (central railway station)
- Take the S-Bahn S5, S7 or S75 until reaching „Ostkreuz“ station, then take the S8 or S9 until reaching „Adlershof“ station

- Berlin-Schönefeld Airport/BER
- Take the S9 or S45 for 3 stations until reaching the station „Adlershof“
- Bus 163/164 to „Adlershof“

- Tegel Airport
- Bus TXL „Beusselstraße“ railway station
- Take the S-Bahn line S41 to „Greifswalder Straße“, then S85 to „Adlershof“
- Or take the S-Bahn line S41 to „Schönhauser Allee“, then S8 or S9 to „Adlershof“



## IMPRINT

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