

## Annex to Organization Chart of PTB

### Internal Structure of the Department Presidential Staff Office

Department PSt Presidential Staff  Dr. R. Wynands phone 1009	WG PSt 1 Research programs, strategic controlling  Dr. R. Wynands phone 1009	WG PSt 2 Central Quality Management  Dr. A. Odin phone 8330	SeSc PSt 4 Theory of metrologically relevant many-body systems  Dr. W. Apel phone 8122	SeSc PSt 5 Theory of transport in quantum systems  Dr. L. Schweitzer phone 8124	WG PSt 6 Theory of interacting quantum systems  Dr. M. Weyrauch phone 8125
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### Internal Structure of the Department Technical-scientific Infrastructure in Berlin

Department IB.T Technical-scientific Infrastructure in Berlin  Dr. F. Melchert phone (Ch) 7446	WG IB.TD Technical Services, Berlin  H. Stötzer phone (Ch) 7466	WG IB.TG Instrument Construction, Berlin  A. Kuhn phone (Ch) 7556	WG IB.TI Data Networks and Servers, Berlin  Dr. K. Oppitz phone (Ch) 7534	WG IB.TP PC Hardware and Operating Systems, Berlin  M. Wagner phone (Ch) 7223
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# Annex to Organization Chart of PTB

## Internal Structure of the Departments of Division 1

Division 1  
Mechanics and Acoustics

Dr. R. Schwartz  
phone 1010

<p>Department 1.1 Mass</p> <p>Dr. D. Ratschko phone 1100</p>	<p>WG 1.11 Realization of Mass</p> <p>Dr. M. Borys phone 1110</p>	<p>WG 1.12 Weighing Instruments</p> <p>Dr. O. Mack phone 1143</p>	<p>WG 1.13 Dynamic Weighing</p> <p>K. Schulz phone 1144</p>	<p>WG 1.14 IT Weighing Technology</p> <p>M. Link phone 1146</p>
<p>Department 1.2 Solid Mechanics</p> <p>Dr. R. Kumme phone 1200</p>	<p>WG 1.21 Realization of Force</p> <p>Dr. R. Kumme phone 1200</p>	<p>WG 1.22 Realization of Torque</p> <p>Dr. D. Röske phone 1131</p>	<p>WG 1.23 Periodic Forces</p> <p>Dr. C. Schlegel phone 1230</p>	
<p>Department 1.3 Velocity</p> <p>Dr. F. M. Jäger phone 1300</p>	<p>WG 1.31 Speed Measuring Instruments</p> <p>Dr. F. M. Jäger phone 1300</p>	<p>WG 1.32 IT Measuring Instruments for Traffic Enforcement</p> <p>Dr. F. M. Jäger phone 1300</p>	<p>WG 1.33 Dynamic Pressure Measurement</p> <p>Dr. F. M. Jäger phone 1300</p>	
<p>Department 1.4 Gas Flow</p> <p>Dr. H. Többen phone 1400</p>	<p>WG 1.41 Fluid Flow Measuring Techniques</p> <p>Dr. H. Müller phone 1310</p>	<p>WG 1.42 Gas Meters</p> <p>Dr. R. Kramer phone 1330</p>	<p>WG 1.43 High Pressure Gas</p> <p>Dr. B. Mickan phone 1331</p>	
<p>Department 1.5 Liquid Flow</p> <p>Dr. G. Wendt phone 1500</p>	<p>WG 1.51 Liquid Meters</p> <p>Dr. M. Rinker phone 1380</p>	<p>WG 1.52 Test Rigs for Liquids</p> <p>Dr. G. Wendt phone 1500</p>	<p>WG 1.53 Traceability of Liquid Measurements</p> <p>Dr. R. Engel phone 1321</p>	
<p>Department 1.6 Sound</p> <p>Dr. C. Koch phone 1600</p>	<p>SeSc 1.60 Ultrasound</p> <p>Dr. K. Beißner phone 1431</p>	<p>WG 1.61 Audible Sound</p> <p>Dr. T. Fedtke phone 1511</p>	<p>WG 1.62 Ultrasound</p> <p>Dr. V. Wilkens phone 1423</p>	<p>WG 1.62 Noise Measuring Technology</p> <p>Dr. I. Bork phone 1531</p>
<p>Department 1.7 Acoustics and Dynamics</p> <p>Prof. Dr. W. Scholl phone 1700</p>	<p>WG 1.71 Realization of Acceleration</p> <p>Dr. T. Bruns phone 1220</p>	<p>WG 1.72 Applied Acoustics</p> <p>Dr. V. Wittstock phone 1549</p>	<p>WG 1.73 Impact Dynamics</p> <p>Dr. T. Bruns phone 1220</p>	<p>WG and SeSc 1.74 Thermal Conductivity Heat transport</p> <p>Dr. U. Hammerschmidt phone 3211</p>

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## Internal Structure of the Departments of Division 2

Division 2  
Electricity

Dr. U. Siegner  
phone 2010

Department 2.1 Direct Current and Low Frequency	WG 2.11 Direct Current Measuring Techniques	WG 2.12 Ratio and Sampling Techniques	WG 2.13 AC/DC Transfer, Impedance
	Dr. J. Melcher phone 2100	Dr. B. H. Schumacher phone 2122	Dr. G. Ramm phone 2190

Department 2.2 High Frequency & Electromagnetic Fields	WG 2.21 Electromagnetic Fields	WG 2.22 High-frequency Measuring Techniques	WG 2.23 On-Wafer Microwave Measuring Techniques	WG 2.24 Antenna Measuring Techniques
	Dr. T. Schrader phone 2200	Dr. T. Kleine-Ostmann phone 2210	Dr. R. Judaschke phone 2229	Dr. U. Arz phone 2297

Department 2.3 Electrical Energy Measuring Techniques	WG 2.31 Energy Measuring Techniques Research and Development	WG 2.32 High-voltage and Traction Energy Measuring Techniques	WG 2.33 Power and Energy, Test Centre System	WG 2.34 Conformity Assessment of Electrical Measuring Instruments	WG 2.35 Instrument Transformers
	Dr. M. Kahmann phone 2300	Dr. W. G. Kürten Ihlenfeld phone 2310	Dr. W. Lucas phone 2323	Dr. M. Kahmann phone 2300	E. Mohns phone 2350

Department 2.4 Quantum Electronics	WG 2.41 Logistics and Operation of Clean-room Facility	WG 2.42 Single-charge and Single-flow Quantum Circuits	WG 2.43 Circuits for Josephson Voltage Standards	WG 2.44 Nanostructures for Technical Applications	WG 2.45 Macroscopic Quantum Objects
	Dr. A. Zorin phone 2400	C. Cognolato phone 2207	Dr. A. Zorin phone 2400	Dr. J. Kohlmann phone 2133	Dr. T. Weimann phone 2281

Department 2.5 Semiconductor Physics and Magnetism	WG 2.51 Magnetic Metrology	WG 2.52 Nanomagnetism	WG 2.53 Low-dimensional Electron Systems	WG 2.54 Terahertz-Optics
	Dr. H. W. Schumacher phone 2500	Dr. M. Albrecht phone 2250	Dr. H. W. Schumacher phone 2414	Dr. H. W. Schumacher phone 2414

Department 2.6 Quantum Electrical Metrology	WG 2.61 SET, Current and Charge	WG 2.62 Quantum Hall Effect, Resistance	WG 2.63 Josephson Effect, Voltage
	Dr. F. J. Ahlers phone 2600	Dr. H. Scherer phone 2139	Dr. J. Schurr phone 2114

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## Internal Structure of the Departments of Division 3

Division 3  
Chemical Physics and  
Explosion Protection

Prof. Dr. K.-D. Sommer  
phone 3010

Department 3.1 Metrology in Chemistry  Dr. B. Güttler phone 3100	WG 3.11 Inorganic Analysis	WG 3.12 Bio-organic Analysis	WG 3.13 Electrochemistry
	Dr. D. Schiel phone 3110	Dr. A. Henrion phone 3120	P. Spitzer phone 3130

Department 3.2 Analytics and Thermodynamic State Behaviour of Gases Prof. Dr. V. Ebert phone 3200	WG 3.21 Humidity	WG 3.22 Metrology in Molecular Spectroscopy	WG 3.23 Thermal State Behaviour and Density
	Dr. N. Böse phone 3231	Prof. Dr. V. Ebert phone 3200	Dr. H. Bettin phone 3330

Department 3.3 Substance Properties and Pressure  *Prof. Dr. K.-D. Sommer phone 3010	WG 3.31 Caloric Quantities	WG 3.32 Properties of Liquids	WG 3.33 Pressure
	Dr. S. Sarge phone 3310	Dr. H. Wolf phone 3320	Dr. W. Sabuga phone 3230

Department 3.4 Fundamentals of Explosion Protection  Dr. H. Bothe phone 3400	WG 3.41 Safety Characteristics	WG 3.42 Gas Dispersion and Explosion Processes	WG 3.43 Explosion Protection Advice and Databases
	Dr. E. Brandes phone 3410	Dr. D.-H. Frobese phone 3420	Dr. W. Möller phone 3430

Department 3.5 Flame Transmission Processes  Dr. U. Klausmeyer phone 3500	WG 3.51 Flameproof Enclosure	WG 3.52 Modelling of Flame Transmission	WG 3.53 Intern. Standardization a.Infor- ation Networks in Explosion Protection	WG 3.54 International Harmonization in Explosion Protection
	Dr. M. Thedens phone 3510	Dr. D. Markus phone 3520	Dr. U. Klausmeyer phone 3500	Dr. H.-G. Gillar phone 3540

Department 3.6 Intrinsic Safety and Safety of Systems  Dr. U. Johannsmeyer phone 3600	WG 3.61 Intrinsic Safety	WG 3.62 Ignition Hazards of Modern Energy Supply	WG 3.63 Coordination Office „Conformity Assessment in Explosion Protection“
	Dr. U. Johannsmeyer phone 3600	Dr. U. Gerlach phone 3620	Dr. U. Johannsmeyer phone 3600

Department 3.7 Prevention on Ignition Sources  Dr. M. Beyer phone 3700	WG 3.71 QM Systemassessments in Explosion Protection	WG 3.72 Explosion-protected Electrical Drive Systems	WG 3.73 Physical Ignition Processes
	M. Graube phone 3710	Dr. F. Lienesch phone 3720	Dr. M. Beyer phone 3700

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## Internal Structure of the Departments of Division 4

Division 4  
Optics  
Dr. F. Riehle  
phone 4010

Department 4.1 Photometry and Applied Radiometry  Dr. K. Stock phone 4100	WG 4.11 Source-based Spectroradiometry  Dr. S. Nevas phone 4115	WG 4.12 Photometry  Dr. A. Sperling phone 4120	WG 4.14 Solar Cells  Dr. S. Winter phone 4140	WG 4.15 Goniophotometry  M. Lindemann phone 4125
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Department 4.2 Imaging and Wave Optics  Dr. E. Buhr phone 4200	WG 4.21 Form and wavefront measuring technique  Dr. M. Schulz phone 4210	WG 4.22 Quantitative Microscopy  Dr. E. Buhr phone 4200	WG 4.23 Ultra-high resolution microscopy  Dr. B. Bodermann phone 4222
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Department 4.3 Quantum Optics and Unit of Length  Dr. P. Becker phone 4300	WG 4.31 Unit of Length  Dr. H. Schnatz phone 4311	WG 4.32 Quantum Optics with Cold Atoms  Dr. U. Sterr phone 4312	WG 4.33 X-ray Optics  Dr. U. Kuetgens phone 4330	WG 4.34 Avogadro Constant  Dr. P. Becker phone 4300
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Department 4.4 Time and Frequency  Dr. E. Peik phone 4400	SeSc 4.40 Optical frequency standards  Dr. C. Tamm phone 4415	WG 4.41 Time Standards  Dr. S. Weyers phone 4416	WG 4.42 Transmission of Time  Dr. A. Bauch phone 4420	WG 4.43 Optical Clocks with Single Ions  Dr. E. Peik phone 4400
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Department 4.5 Optical Technologies  Dr. S. Kück phone 4500	WG 4.51 Spectrometry and Microoptical Metrology  Dr. A. Schirmacher phone 4510	WG 4.52 Reflectometry  Dr. A. Höpe phone 4520	WG 4.53 Optical Femtosecond Metrology  Dr. H. Telle phone 4530	WG 4.54 Laser Radiometry  Dr. S. Kück phone 4502
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## Internal Structure of the Departments of Division 5

SeSc 5.01  
Mathematical Methods in  
Precision Engineering  
Dr. M. Krystek  
phone 5016

Division 5  
Precision Engineering  
Dr. H. Bosse  
phone 5010

<p>Department 5.1 Surface Metrology</p> <p>Dr. L. Koenders phone 5100</p>	<p>WG 5.11 Nano Force Metrology for Tactile Sensors</p> <p>Dr. U. Brand phone 5111</p>	<p>WG 5.12 Hardness and Layer Thickness Metrology</p> <p>Dr. U. Brand phone 5111</p>	<p>WG 5.13 Surface Metrology on Nano Structures</p> <p>Dr. L. Koenders phone 5100</p>	<p>WG 5.14 Roughness Measuring Techniques</p> <p>Dr. R. Krüger-Sehm phone 5121</p>	<p>WG 5.15 Calibration of Roughness Parameters</p> <p>L. Jung-Albrecht phone 5124</p>
<p>Department 5.2 Dimensional Nanometrology</p> <p>Dr. J. Flügge phone 5200</p>	<p>WG 5.21 Length Graduations</p> <p>Dr. J. Flügge phone 5200</p>	<p>WG 5.22 Mask Metrology</p> <p>Dr. G. Dai phone 5127</p>	<p>WG 5.23 Angle Metrology</p> <p>Dr. R. Geckeler phone 5220</p>	<p>WG 5.24 Modelling Scanning Microscopy</p> <p>Dr. C. G. Frase phone 5186</p>	<p>WG 5.25 Scanning Probe Metrology</p> <p>Dr. H.-U. Danzebrink phone 5136</p>
<p>Department 5.3 Coordinate Metrology</p> <p>Dr. F. Härtig phone 5300</p>	<p>WG 5.31 Geometrical Standards</p> <p>Dr. O. Jusko phone 5310</p>	<p>WG 5.32 Coordinate Measuring Machines</p> <p>Dr. K. Wendt phone 5323</p>	<p>WG 5.33 Gear and Thread</p> <p>Dr. K. Kniel phone 5388</p>	<p>WG 5.34 Multisensor Coordinate Metrology</p> <p>Dr. U. Neuschaefer-Rube phone 5311</p>	<p>WG 5.35 Metrological Services for Coordinate Metrology</p> <p>J. Hirsch phone 5325</p>
<p>Department 5.4 Interferometry on Material Measures</p> <p>Dr. R. Schödel phone 5400</p>	<p>WG 5.41 Interferometry on Spheres</p> <p>Dr. A. Nicolaus phone 5410</p>	<p>WG 5.42 Multi-wavelength Interferometry for Geodetic Lengths</p> <p>Dr. F. Pollinger phone 5420</p>	<p>WG 5.43 Interferometric Calibration of Gauge Blocks</p> <p>P. Franke phone 5430</p>	<p>WG 5.44 Interferometry on Prismatic Bodies</p> <p>Dr. R. Schödel phone 5440</p>	<p>WG 5.45 Certification of Length Measuring Machines</p> <p>I. Lohse phone 5450</p>
<p>Department 5.5 Scientific Instrumentation</p> <p>Prof. Dr. F. Löffler phone 5500</p>	<p>WG 5.51 Design</p> <p>H. Lüllmann phone 5510</p>	<p>WG 5.52 Fabrication of Measuring Instruments</p> <p>U. Nause phone 5316</p>	<p>WG 5.53 Manufacturing of Components</p> <p>J. Rother phone 5360</p>	<p>WG 5.54 Surface Technology</p> <p>Dr. D. Hagedorn phone 5540</p>	<p>WG 5.55 Training</p> <p>Prof. Dr. F. Löffler phone 5500</p>
	<p>WG 5.56 Manufacturing Technology</p> <p>Dr. R. Meeß phone 5560</p>				

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## Internal Structure of the Departments of Division 6

Division 6  
Ionizing Radiation  
Dr. H. Janßen  
phone 6010

Department 6.1 Radioactivity  Dr. D. Arnold phone 6100	WG 6.11 Unit of Activity	WG 6.12 Environmental Radioactivity	WG 6.13 Radon Measuring Technique
	Dr. K. Kossert phone 6311	Dr. H. Wershofen phone 6120	Dr. A. Röttger phone 6130

Department 6.2 Dosimetry for Radiation Therapy and Diagnostic Radiology Dr. U. Ankerhold phone 6200	WG 6.21 High-energy Photon and Electron Radiation	WG 6.22 Brachytherapy	WG 6.23 Unit of Absorbed Dose to Water	WG 6.24 Alanine Dosimetry	WG 6.25 Dosimetry for Diagnostic Radiology
	Dr. R.-P. Kapsch phone 6210	Dr. H.-J. Selbach phone 6220	Dr. A. Krauss phone 6230	Dr. M. Anton phone 6240	Dr. L. Büermann phone 6250

Department 6.3 Radiation Protection Dosimetry  Dr. P. Ambrosi phone 6300	WG 6.31 Photon Dosimetry	WG 6.32 Dosimetry at Low Dose Rates	WG 6.34 Beta Dosimetry	WG 6.35 Measuring Stations for Radiation Protection
	Dr. O. Hupe phone 6310	Dr. S. Neumaier phone 6320	Dr. R. Behrens phone 6340	G. Buchholz phone 6350

Department 6.4 Ion Accelerators & Ref. Radiation Fields  Dr. F. Wissmann phone 6400	WG 6.41 Micro-ion Beam and Ion Dosimetry	WG 6.42 Neutron Metrology	WG 6.43 Ion Accelerators	WG 6.44 Dosimetry of Complex Radiation Fields
	Dr. U. Giesen phone 6410	Dr. R. Nolte phone 6420	Dr. R. Böttger phone 6430	Dr. F. Wissmann phone 6400

Department 6.5 Neutron Radiation  Dr. H. Schuhmacher phone 6500	WG 6.51 Detector Development	WG 6.52 Neutron Dosimetry	WG 6.53 Neutron Spectrometry and Neutron Sources
	Dr. V. Dangendorf phone 6510	Dr. M. Luszik-Bhadra phone 6520	Dr. A. Zimbal phone 6530

Department 6.6 Fundamentals of Dosimetry  Dr. H. Rabus phone 6600	WG 6.61 Cross Sections and Radiation Transport	WG 6.62 Nanodosimetry	WG 6.63 Biological Effectiveness of Ionising Radiation
	Dr. W. Y. Baek phone 6610	Dr. G. Hilgers phone 6620	Dr. H. Nettelbeck phone 6630

Referat 6.71 Operational Radiation Protection  Dr. R. Simmer phone 6710
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# Annex to Organization Chart of PTB

## Internal Structure of the Departments of Division 7

Division 7  
Temperature and  
Synchrotron Radiation  
Dr. G. Ulm  
phone (Ch) 7312

Department 7.1 X-ray Metrology with Synchrotron Radiation Prof. Dr. M. Richter phone (Ad) 5084	WG 7.11 X-ray Radiometry  Dr. M. Krumrey phone (Ad) 5085	WG 7.12 X-ray Spectrometry  Dr. B. Beckhoff phone (Ad) 5091	WG 7.13 Instrumentation Berlin-Adlershof  R. G. Fliegau phone (Ad) 5093	WG 7.14 Information Technology Berlin-Adlershof  J. Eden phone (Ad) 5086	
Department 7.2 Radiometry with Synchrotron Radiation  *Dr. G. Ulm phone (Ch) 7312	WG 7.21 Synchrotron Radiation Sources  Dr. R. Klein phone (Ad) 5083	WG 7.22 EUV Radiometry  Dr. F. Scholze phone (Ad) 5094	WG 7.23 UV and VUV Radiometry  Dr. A. Gottwald phone (Ad) 5096	WG 7.24 IR Spectrometry  Dr. G. Ulm phone (Ch) 7312	
Department 7.3 Detector Radiometry and Radiation Thermometry Dr. J. Hollandt phone (Ch) 7369	WG 7.31 High-temperature scale  Dr. R. Taubert phone (Ch) 7480	WG 7.32 Infrared radiation thermometry  Dr. J. Hollandt phone (Ch) 7369	WG 7.33 Detector Radiometry  Dr. L. Werner phone (Ch) 7325	WG 7.34 Terahertz Radiometry  Dr. A. Steiger phone (Ch) 7532	
Department 7.4 Temperature  Dr. J. Fischer phone (Ch) 7473	WG 7.41 High-temperature Technology  Dr. F. Edler phone (Ch) 7538	WG 7.42 Applied Thermometry  Dr. S. Rudtsch phone (Ch) 7650	WG 7.43 Fundamentals of Thermometry  Dr. B. Fellmuth phone (Ch) 7224	WG 7.44 Low-temperature Scale  Dr. J. Engert phone (Ch) 7226	
Department 7.5 Cryo- and Vacuum Physics  Dr. T. Schurig phone (Ch) 7290	SeSc 7.50 Superconducting Sensors  Dr. D. Drung phone (Ch) 7342	WG 7.51 Cryogenic Sensors  Dr. J. Beyer phone (Ch) 7379	WG 7.52 Ultra-low Temperatures  Prof. Dr. P. Strehlow phone (Ch) 7429	WG 7.53 Cryoelectronic Measuring  Dr. T. Schurig phone (Ch) 7290	WG 7.54 Vacuum Metrology  Dr. K. Jousten phone (Ch) 7262
Department 7.6 Heat  Dr. T. Lederer phone (Ch) 7230	WG 7.61 Thermal Energy Measurement  Dr. J. Rose phone (Ch) 7250	WG 7.62 New methods for thermal energy measurement  Dr. T. Lederer phone (Ch) 7250			

**Explanations**  
Extensions:  
(Ch) Berlin-Charlottenburg  
030/3481...  
(Ad) Berlin-Adlershof  
030/6392...

February 1, 2011

# Annex to Organization Chart of PTB

## Internal Structure of the Departments of Division 8

Division 8  
 Medical Physics and  
 Metrological Information  
 Technology  
 Prof. Dr. H. Koch  
 phone (Ch) 7343

Department 8.1 Medical Metrology  Dr. B. Ittermann phone (Ch) 7318	WG 8.11 MR Technology  Dr. F. Seifert phone (Ch) 7377	WG 8.12 Standards for Medical Instrumentation  Dr. B. Ittermann phone (Ch) 7318	WG 8.13 In vivo MRI  Dr. F. Schubert phone (Ch) 7477
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Department 8.2 Biosignals  Dr. L. Trahms phone (Ch) 7213	WG 8.21 Biomagnetism  Dr. L. Trahms phone (Ch) 7213	WG 8.22 Measurement Technology for Biosignals  Dr. M. Burghoff phone (Ch) 7238
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Department 8.3 Biomedical Optics  Prof. Dr. R. Macdonald phone (Ch) 7542	WG 8.31 Tissue Optics and Molecular Imaging  Dr. D. Grosenick phone (Ch) 7302	WG 8.32 Flow Cytometry and Microscopy  Dr. J. Neukammer phone (Ch) 7241
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Department 8.4 Mathematical Modelling and Data Analysis  Dr. M. Bär phone (Ch) 7687	SeSc 8.40 Practical Measurement Uncertainty  Dr. S. Mieke phone (Ch) 7287	WG 8.41 Mathematical Modelling and Simulation  Dr. M. Bär phone (Ch) 7687	WG 8.42 Data Analysis and Measurement Uncertainty  Dr. C. Elster phone (Ch) 7492
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Department 8.5 Metrological Information Technology  Prof. Dr. D. Richter phone (Ch) 7479	WG 8.51 Software and electronic elections  Dr. N. Greif phone (Ch) 7485	WG 8.52 Data Communication and Security  Dr. N. Zisky phone (Ch) 7624	WG 8.53 IT in Legal Metrology  Dr. U. Grottker phone 2020	WG 8.54 Gaming Machines  R. Kuschfeldt phone (Ch) 7340
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# Annex to Organization Chart of PTB

## Internal Structure of the Departments of Division Q

Division Q  
 Scientific-technical Cross-sectional Tasks  
 Dr. R. Weiß  
 phone 8010

Section Q.11  
 Academic Library  
  
 Dr. J. Meier  
 phone 8131

Department Q.2  
 Theoretical Fundamentals  
  
 \*Dr. R. Weiß  
 phone 8010

WG Q.01  
 Translation Office  
  
 U. Baier-Blott  
 phone 9332

WG Q-Bau  
 Management of Building Projects  
  
 U. Deventer  
 phone 9210

Department Q.3  
 Legal Metrology and Technology Transfer  
  
 Dr. P. Ulbig  
 phone 8300

WG Q.31 Legal Metrology	WG Q.32 Certification Body	WG Q.33 Technology Transfer
Dr. W. Schulz phone 8300	Dr. H. Stolz phone 8320	Dr. B. Smandek phone 8303

Department Q.4  
 Information Technology  
  
 Dr. S. Hackel  
 phone 8400

WG Q.41 Data Networks	WG Q.42 Server Systems and Data Management	WG Q.43 Databases and Applications	WG Q.44 User support and consultancy IT-management
Dr. M. Gutbrod phone 8410	Dr. D. Sibold phone 8420	R. Ohl phone 8430	K. Hube phone 8440

Department Q.5  
 Technical Cooperation  
  
 D. Schwohnke  
 phone 8200

WG Q.51 Europe, the Caucasus and Central Asia	WG Q.52 Africa and Asia	WG Q.53 Latin America and the Caribbean
D. Schwohnke phone 8200	Dr. M. Stoldt phone 8220	Dr. A. H. Valqui phone 8230

Section Q.61  
 Technical Service  
  
 M. Frühauf  
 phone 9170

# Annex to Organization Chart of PTB

## Structure of Division Z

Section Z.11  
Budget and Procurement

M. Wasmuß  
phone 9110

Section Z.12  
Personnel

S. Wiemann  
phone 9120

Section Z.13  
Legal Matters

M. Gahrens  
phone 9130

Section Z.14  
Organization and Controlling

Dr. J. Jaspers  
phone 9140

Section Z.15  
Berlin Administration

A. Lubinus  
phone (Ch) 7449

Section Z.16  
Internal Services

M. List  
phone 9160

Section Z.17  
Training

P. J. Dickers  
phone 9240

Division Z  
Administrative Services

C. Tampier  
phone 9010

WG Z.01  
Web Services

M. Battikh  
phone 3597