

<b>INSTITUTE DIRECTOR</b>		Prof. Dr. rer. nat. habil. A. Michaelis	
Deputy Institute Director	Dr.-Ing. M. Zins	Deputy Institute Director	Prof. Dr. rer. nat. I. Voigt
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<b>ADMINISTRATION</b>	Dr.-Ing. M. Zins
Controlling, Finances and Purchasing	
Internal Services, Facility Management	
Quality and Environmental Management	
IT Management	
Human Resources	

<b>MARKETING AND STRATEGY</b>	Prof. Dr. rer. nat. M. Stelter
Marketing	
Press and Public Relations	
Data Concepts	

<b>TECHNISCHE UNIVERSITÄT DRESDEN</b>		
<b>iWW</b>	<b>Inorganic-Nonmetallic Materials</b>	Prof. Dr. rer. nat. habil. A. Michaelis
	Combinatorial Microelectrochemistry	Dr.-Ing. M. Schneider
<b>IAVT</b>	<b>Electronic Packaging Laboratory</b>	Prof. Dr.-Ing. H. Heuer
<b>IFE</b>	<b>Institute of Solid State Electronics</b>	Prof. Dr. habil. T. Härtling
<b>FRIEDRICH SCHILLER UNIVERSITY JENA</b>		
	Technical Environmental Chemistry	Prof. Dr. rer. nat. M. Stelter
<b>ERNST ABBE UNIVERSITY OF APPLIED SCIENCES</b>		
<b>SciTec</b>	<b>Materials Engineering</b>	Prof. Dr. rer. nat. I. Voigt
<b>FREIE UNIVERSITÄT BERLIN</b>		
	Experimental Physics	Prof. Dr.-Ing. S. Christiansen
<b>TECHNISCHE UNIVERSITÄT BERGAKADEMIE FREIBERG</b>		
	Chemical Technology	Prof. Dr. rer. nat. habil. M. Bertau
	Energy Process Engineering and Chemical Engineering	Prof. Dr.-Ing. M. Gräßner

<b>MATERIALS</b>	
Nonoxide Ceramics	Dipl.-Krist. J. Adler
Structural Ceramics with Electrical Function	
Carbide Ceramics and Cellular Ceramics	
Nitride Ceramics and Fiber Composites	
Protective Ceramics	
Filter Ceramics and Exhaust Gas Aftertreatment	
Oxide Ceramics	Dr.-Ing. S. Begand
Pilot Manufacturing of High-Purity Ceramics	
Oxide and Polymerceramic Composites*	
Transparent Ceramics	
<b>PROCESSES AND COMPONENTS</b>	
Processes and Components	Dr.-Ing. T. Moritz
Powder Technology	
Shaping	
Component Development and Manufacturing	
Additive and Hybrid Manufacturing	

<b>MATERIALS AND PROCESS CHARACTERIZATION</b>			
Sintering and Characterization	Dr. rer. nat. A. Potthoff, Dr.-Ing. J. Pötschke		
Thermal Analysis and Thermal Physics**		Quality Assurance Laboratory** and Mechanics Laboratory	
Heat Treatment		Chemical and Structural Analysis	
Ceramography and Phase Analysis		Hardmetals and Cermets	
Powder and Suspension Characterization**		Thin-Film Technologies	
Correlative Microscopy and Materials Data	Prof. Dr.-Ing. S. Christiansen		
Correlative Microscopy			

<b>ELECTRONICS / MICROSYSTEMS- AND BIOMEDICAL ENGINEERING</b>	
Smart Materials and Systems	Dr.-Ing. H. Neubert
Multifunctional Materials and Components	
Applied Material Mechanics and Solid-State Transducers	
Hybrid Microsystems	Dr.-Ing. U. Partsch
Thick-Film Technology and Functional Printing	
Microsystems, LTCC and HTCC	
Functional Materials for Hybrid Microsystems	
Systems Integration and Electronic Packaging	
Ceramic Tapes	

<b>ENVIRONMENTAL AND PROCESS ENGINEERING</b>	
Nanoporous Membranes	Dr.-Ing. H. Richter
Zeolite- and Carbon Membranes	
Polymer- and Mixed Matrix Membranes	
Membrane Prototypes	
High-Temperature Separation and Catalysis	Dr. sc. J. Richter
High-Temperature Membranes and Storages	
Catalysis and Materials Synthesis	
Circular Technologies and Water	Dr.-Ing. B. Faßauer
Biomass Conversion and Nutrient Recycling	
Systems Engineering for Water and Wastewater	
Membrane Process Technology and Modeling	
Technical Electrolysis and Geothermal Energy	
Reaction Engineering Water	
Chemical Engineering	PD Dr.-Ing. habil. M. Jahn, Prof. Dr.-Ing. M. Gräßner
Modeling and Simulation	
Process Systems Engineering	
Circular Carbon Technologies KKT	
Systems Integration	

<b>ENERGY SYSTEMS</b>	
Materials and Components	Dr.-Ing. M. Kusnezoff
Hydrogen Technologies	
Joining Technology	
Materials for Printed Systems	
Ceramic Energy Converters	
High-Temperature Electrochemistry and Functionalized Surfaces	
System Integration and Technology Transfer	Dr. rer. nat. R. Weidl
Stationary Energy Storage Systems	
Energy Storage Systems and Electrochemistry	Dr.-Ing. M. Partsch
Electrochemistry	
Cell and Process Development	
Recycling and Green Battery	

Testing of Electronics and Optical Methods	Dr.-Ing. M. Röhlig
Optical Test Methods and Nanosensors	
Speckle-Based Methods	
Reliability of Microsystems	
Systems for Testing and Analysis	Prof. Dr.-Ing. H. Heuer
Electronics for Testing Systems	
Software for Testing Systems	
Eddy-Current Methods	
Ultrasonic Sensors and Methods	
Machine Learning and Data Analysis	
Project Group Cognitive Material Diagnostics Cottbus	
Microelectronic Materials and Nanoanalysis	Dr.-Ing. B. Jost, Dr. rer. nat. A. Clausner
Nanoscale Materials and Analysis	
Nanomechanics and Reliability for Microelectronics	
Condition Monitoring and Test Services	Dr.-Ing. L. Schubert
Condition Monitoring Hardware and Software	
Methods for Monitoring Systems	
Model-based Data Evaluation	
NDT Lab**	
Bio- and Nanotechnology	Dr. rer. nat. J. Oplitz
Biological Materials Analysis	
Characterization Technologies	
Biodegradation and Nanofunctionalization	
Biologized Materials and Structures	

<b>SITES AND COMPETENCE CENTERS</b>	
Headquarters Dresden-Gruna, Saxony	
Site Dresden-Klotzsche, Saxony	
Site Hermsdorf, Thuringia	
Site Forchheim, Bavaria	
Site Berlin, Berlin	
Fraunhofer Project Center for Energy Storage and Systems ZESS, Braunschweig, Lower Saxony	
Fraunhofer Technology Center High-Performance Materials THM, Freiberg, Saxony	
Fraunhofer Smart Ocean Technologies SOT research group, Rostock, Mecklenburg-Western Pomerania	
Biological Materials Analysis research group at Fraunhofer IZI, Lipsia, Saxony	
Circular Carbon Technologies KKT research group Freiberg, Saxony	
Cognitive Material Diagnostics project group, Cottbus, Brandenburg	
Fraunhofer Center for Smart Agriculture and Water Management AWAM, Porto, Portugal	
Battery Innovation and Technology Center BITC, Arnstadt, Thuringia	
Industrial Hydrogen Technologies Thuringia WaTTh, Arnstadt, Thuringia	
Application Center Water, Hermsdorf, Thuringia	
Application Center Membrane Technology, Schmalkalden, Thuringia	



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 \*\* accreditation in accordance with DIN EN ISO/IEC 17025