



Organizational chart

















Fraunhofer Institute for Ceramic Technologies and Systems IKT












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	Controlling, Finances and Purchasing		
	Internal Services, Facility Management		
	Quality and Environmental Management		
	IT Management		
	Human Resources		

MARKETING AND STRATEGY		Prof. Dr. rer. nat. M. Stelter
	Marketing	
	Press and Public Relations	
	Business Development	Prof. Dr. habil. T. Härtling
	Technology Economics and Sustainability Analysis	Dr. D. Pufky-Heinrich
	Technology and Operations Management	
	Economic Analysis and Sustainability	





















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











MATERIALS	
 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	
PROCESSES AND COMPONENTS	
 Processes and Components	Dr.-Ing. T. Moritz
 Powder Technology	
 Shaping	
 Press Forming	
Green and Finish Machining	
 Additive and Hybrid Manufacturing	

MATERIALS AND PROCESS CHARACTERIZATION			
	 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		Correlative Spectroscopy
	Digitally supported Systems and Services	Dipl.-Math. M. Brand	
	Industrial Data Technologies		Machine and Production Design
	Chemometrics and Test Design		 Software for Testing Systems

ELECTRONICS / MICROSYSTEMS- AND BIOMEDICAL ENGINEERING	
 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	
 Testing of Electronics and Optical Methods	Dr.-Ing. M. Röllig
 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	
 Eddy-Current Methods	
 Ultrasonic Sensors and Methods	
 Machine Learning and Data Analysis	
 Project Group Cognitive Material Diagnostics Cottbus	
 Microelectronic Materials and Nanoanalysis	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. Opitz
 Biological Materials Analysis	
 Characterization Technologies	
 Biodegradation and Nanofunctionalization	
 Biologized Materials and Structures	

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

ENVIRONMENTAL AND PROCESS ENGINEERING	
 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, Dr.-Ing. M. Weyd
 Biomass Conversion and Nutrient Recycling	
 Systems Engineering for Water and Wastewater	
 Electrochemistry	
Hydrometallurgical Recycling and Raw Materials Chemistry	
 Membrane Characterization and Modeling	
 Technical Electrolysis and Geothermal Energy	
 Reaction Engineering Water	
Applied Membrane Technology	
 Energy and Process Engineering	PD Dr.-Ing. habil. M. Jahn, Prof. Dr.-Ing. M. Gräbner
 Modeling and Simulation	
 Process Systems Engineering	
 Circular Carbon Technologies KKT	
 Systems Integration	
 Energy System Concepts	

ENERGY SYSTEMS	
 Materials and Components	Dr.-Ing. M. Kusnezoff
 Hydrogen Technologies	
 Joining Technology	
 Materials for Printed Systems	
 Ceramic Energy Converters	
 High-Temperature Electrochemistry and Functionalized Surfaces	
 Stationary Energy Storage Systems	Dr.-Ing. M. Schulz
Ceramic Electrolytes and Electrodes	
Cell Concepts and Prototypes	
 Energy Storage Systems and Electrochemistry	Dr.-Ing. M. Partsch
 Cell Design and Testing	
 Process Development and Process Control	
Electrochemical Methods and Technologies	



* certified in accordance with DIN EN ISO 13485

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