| Nachwuchsgruppenleitung | Titel der Gruppe | Forschungsbereich | Helmholtz-Zentrum | Beteiligte Hochschulen | Laufzeit |
|---|---|---|---|---|---|
| Abate, Antonio | Active Materials and Interfaces for Stable Perovskite Solar Cells | Energie | HZB | Potsdam U | 2017 - 2022 |
| Aldaya Martin, Maria | Ultimate precision measurements and searches for new physics using top quarks at the CMS experiment at the LHC | Materie | DESY | Hamburg U<br>KIT | 2014 - 2019 |
| Alekseev, Evgeny V. | Actinide Solid State Chemistry - A Direct Link from Fundamental Science to the Safe Management of Hig-Level Nuclear Waste | Energie | FZJ | Aachen TH | 2012 - 2017 |
| Amancio Filho, Sergio de Traglia | Advanced Polymer-Metal Hybrid Structures | Schlüsseltechnologien | HZG | Hamburg U | 2010 - 2017 |
| Amunts, Katrin | Brain Mapping | Gesundheit | FZJ | Aachen TH, Düsseldorf U | 2003 - 2006 |
| Angst, Manuel | Complex ordering phenomena in multifunctional oxides | Materie | FZJ | Aachen TH | 2009 - 2015 |
| Anka, Zahie | Quantification of thermogenic greenhouse gas (Methane) emissions and its influence on global Carbon budget and paleoclimate. A multi-scale approach. | Erde und Umwelt | GFZ | Berlin TU | 2009 - 2014 |
| Anzt, Hartwig | Fixed-Point Methods for Numerics at Exascale (FiNE) | Schlüsseltechnologien | KIT | KIT | - |
| Arcones, Almudena | Core-collapse supernovae: nuclei and matter at the extremes | Materie | GSI | Darmstadt TU | 2012 - 2018 |
| Aziz Emad Flear | Probing the Dynamics of the Electronic Structure of Functional Materials in Solutions vs. at Interfaces | Materie | HZB | Berlin FU | 2010 - 2015 |
| Aziz-Lange, Kathrin Maria | Operando Soft X-ray Characterization of Defects in Solar Fuel Materials | Energie | HZB | Bielefeld U | 2016 - 2021 |
| Bär, Marcus | Improving Thin Film Solar Cells by Deliberate Interface Tailoring | Energie | HZB | Cottbus TU | 2008 - 2016 |
| Bari, Sadia | Structure and dynamics of gas-phase biomolecules studied by photon-induced ionization and dissociation | Materie | DESY | Göttingen U | 2016 - 2021 |
| Bechtle, Philip | Terascale Physics: From Data Taking at LHC to Understanding at ILC | Materie | DESY | Hamburg U, Bonn U | 2007 - 2012 |
| Bernardini, Elisa | Multi-messenger study of point sources of cosmic rays including data from IceCube | Materie | DESY | Berlin HU | 2006 - 2011 |
| Bessler, Wolfgang G. | Multi-scale Modeling and In-situ Diagnostics of Solid Oxide Fuel Cells | Energie | DLR | Stuttgart U | 2010 - 2015 |
| Beye, Martin | Novel soft X-ray spectroscopies for materials science | Materie | DESY | Hamburg U | 2016 - 2021 |
| Bischof, Kai | Physiologische Anpassungsmuster polarer Algen an abiotische Stressfaktoren und ihre Bedeutung für die Struktur polarer Felsküstenökosysteme | Erde und Umwelt | AWI | Kiel U | 2004 - 2008 |
| Blaum, Klaus | Experimente mit gespeicherten und gekühlten Ionen | Materie | GSI | Mainz U | 2003 - 2009 |
| Böhmer, Anna | Strain Tuning of Correlated Electronic Phases | Schlüsseltechnologien | KIT | KIT | 2017 - 2022 |
| Boike, Julia | Sensitivity of the permafrost system`s water and energy balance under changing climate: A multiscale perspective | Erde und Umwelt | AWI | Heidelberg U | 2006 - 2015 |
| Börhrk, Hannah | High Temperature Management in Hypersonic Flight | Luftfahrt, Raumfahrt und Verkehr | DLR | Stuttgart U | 2013 - 2018 |
| Bracher, Astrid | Marine phytoplankton observed with global biooptical methods (PHYTOOPTICS) | Erde und Umwelt | AWI | Bremen U | 2007 - 2014 |
| Brinkmann, Melanie M. | Regulation and herpesviral immune evasion of Toll-like receptor (TLR) signaling | Gesundheit | HZI | Hannover MedH | 2010 - 2016 |

| Nachwuchsgruppenleitung | Titel der Gruppe | Forschungsbereich | Helmholtz-Zentrum | Beteiligte Hochschulen | Laufzeit |
|---|---|---|---|---|---|
| Brune, Sascha | Continental Rift Dynamics Across The Scales: Understanding Observations Through Numerical Modelling [ CRYSTALS ] | Erde und Umwelt | GFZ | Potsdam U | 2016 - 2021 |
| Burwinkel, Barbara | Molecular Epidemiology of Cancer | Gesundheit | DKFZ | Heidelberg U | 2006 - 2013 |
| Chang, Guoqing | Towards Laboratory-Based Ultrafast Bright EUV and X-ray Sources: High-Power Fiber Laser Frequency combs and Cavity Enhanced Ultrafast Optics | Materie | DESY | Hamburg U | 2012 - 2017 |
| Cicin-Sain, Luka | Chronic Infections and Immunosenescence | Gesundheit | HZI | Hannover MedH | 2010 - 2015 |
| Colome-Tatche, Maria | Single-Cell Computational Epigenomics | Gesundheit | HMGU | München TU | 2016 - 2021 |
| Cuevas, Juan-Carlos | Theoretische Aspekte der Molekularen Elektronik | Schlüsseltechnologien | KIT | Karlsuhe U KIT | 2003 - 2007 |
| Cui, Guoliang | Regulation of anti-tumor T cell responses by lipid metabolism | Gesundheit | DKFZ | Heidelberg U | 2016 - 2021 |
| Cupid, Damian M. | Integrated Computational Materials Engineering (ICME) of Electrochemical Storage Systems | Energie | KIT | KIT | 2014 - 2019 |
| Dähnke, Kristin | Sources, sinks and internal cycling of nitrogen in coastal waters - Identification of key processes using stable N isotopes | Erde und Umwelt | HZG | Hamburg U | 2011 - 2016 |
| Daumke, Oliver | Structure and Membrane Interaction of GTP-binding Proteins | Gesundheit | MDC | Berlin Charité | 2007 - 2013 |
| De Figueiredo Gomes, Dominique | Development of Functionalized Polyoxadiazole Nanocomposites | Schlüsseltechnologien | HZG | Hamburg-Harburg TU | 2007 - 2011 |
| Deac, Alina | Spin-torque devices for Information-Communication Technology | Materie | HZDR | Dresden TU | 2014 - 2018 |
| Deleidi, Michela | Mitochondria-inflammation crosstalk in Parkinson's disease | Gesundheit | DZNE | Tübingen U | 2016 - 2021 |
| Di Virgilio, Michela | Physiological and pathological outcomes of DNA double-strand break repair | Gesundheit | MDC | Berlin HU | 2014 - 2019 |
| Diederichs, Sven | MicroRNA Biogenesis, Regulation and Function in Cancer | Gesundheit | DKFZ | Heidelberg U | 2009 - 2013 |
| Diehl, Markus | QCD in exklusiven Prozessen bei HERA | Materie | DESY | Regensburg U | 2003 - 2007 |
| Dillmann, Iris | Lifetime Spectroscopy for Astrophysics LISA | Materie | GSI | Giessen U | 2010 - 2015 |
| Dormann, Carsten F. | Biotic Ecosystem Services | Erde und Umwelt | UFZ | Göttingen U | 2006 - 2012 |
| Dvorak, Jan | IRIS - Exploring new Frontiers in Neutron-Rich Isotopes of the Heaviest Elements with an Inelastic Reaction Isotope Separator | Materie | GSI | Mainz U | 2011 - 2014 |
| Edbauer, Dieter | Synaptic dysfunction in Alzheimer`s diseases: Mechanisms and therapeutic approaches | Gesundheit | DZNE | – | 2009 - 2015 |
| Elbahri, Mady | Nanochemistry and Nanoengineering | Schlüsseltechnologien | HZG | Kiel U | 2009 - 2016 |
| Elsner, Martin | Novel Approaches with Compound Specific Isotope Analysis (CSIA) to Characterize Degradation of Pesticides and other Groundwater Contaminants | Erde und Umwelt | HMGU | | 2006 - 2010 |
| Engel, Anja | Global change and the future marine carbon cycle | Erde und Umwelt | AWI | – | 2005 - 2011 |
| Epelbaum, Evgeny | Few-Nucleon Systems in Chiral Effective Field Theory | Materie | FZJ | Bonn U | 2006 - 2011 |
| Erhardt, Marc | Molecular mechanisms of Salmonella virulence and type-III secretion | Gesundheit | HZI | Braunschweig TU | 2013 - 2017 |
| Eyerich, Stefanie | A comprehensive approach to the understanding of T cell biology in health and disease | Gesundheit | HMGU | München TU | 2013 - 2017 |

| Nachwuchsgruppenleitung | Titel der Gruppe | Forschungsbereich | Helmholtz-Zentrum | Beteiligte Hochschulen | Laufzeit |
|---|---|---|---|---|---|
| Eyring, Veronika | SeaKLIM - Einfluss von Schiffsemissionen auf Atmosphäre und Klima | Luftfahrt, Raumfahrt und Verkehr | DLR | Bremen U | 2003 - 2010 |
| Fabietti, Laura | Search for K Nuclear Clusters and rare resonances in Nuclear Collisions at SIS 18 | Materie | GSI | München TU | 2007 - 2014 |
| Feuerer, Markus | Mechanisms of peripheral Tolerance in Autoimmunity and Anti-Tumor-Immunity | Gesundheit | DKFZ | - | 2009 - 2015 |
| Fischer, Andreas | Vascular Signalling and Tissue Homeostasis | Gesundheit | DKFZ | Heidelberg U | 2012 - 2017 |
| Fischer, Bernd | Computational Biology of Genomes, Proteomes, and Interactomes | Gesundheit | DKFZ | Heidelberg U | 2014 - 2019 |
| Fischer, Christian S. | Nonperturbative phenomena in QCD; Glueballs, Mesons and QGP | Materie | GSI | Darmstadt TU | 2007 - 2013 |
| Flores, Hauke | Iceflux - Ice-ecosystem carbon flux in polar oceans | Erde und Umwelt | AWI | Hamburg U | 2012 - 2017 |
| Franckowiak, Anna | Identifying the Sources of High-Energy Neutrinos with Multi-Messenger Observations | Materie | DESY | Berlin HU | 2017 - 2021 |
| Fritsch, Miriam | Precision Spectroscopy of Hadrons with PANDA | Materie | GSI | Mainz U = Helmholtz-Institut Mainz | 2011 - 2017 |
| Frunzke, Julia | Population heterogeneity in industrial microorganisms | Schlüsseltechnologien | FZJ | Düsseldorf U | 2011 - 2016 |
| Galatyuk, Tetyana | VIP-QM - Exploring Quark Matter with Virtual Photons | Materie | GSI | Darmstadt TU | 2012 - 2017 |
| Gargiulo, Gaetano | Glioblastoma Subtype Avatar models | Gesundheit | MDC | Charité, Universitäts-medizin Berlin | 2016 - 2021 |
| Garny, Hella | The middle atmosphere in a changing climate (MACCLIM) | Luftfahrt, Raumfahrt und Verkehr | DLR | München U | 2015 - 2021 |
| Garutti, Erika | R&D Studies for New Photo Detectors and their Integration in HEP Detectors | Materie | DESY | Hamburg U, Heidel-berg U, Shinshu U (JP) | 2006 - 2011 |
| Geiger, Benedikt | Particle transport in high temperature plasmas | Energie | IPP | | 2016 - 2021 |
| Grams, Christian M. | Sub-seasonal atmospheric predictability: understanding the role of diabatic outflow | Erde und Umwelt | KIT | KIT | 2017 - 2022 |
| Grilli, Francesco | AC Losses in High-Temperature Superconductors | Energie | KIT | Karlsruhe U KIT | 2010 - 2015 |
| Grisenti, Robert | Development of Cryogenic Liquid Microjet Sources for Fundamental Applications in Nuclear, Atomic, Plasma, and Condensed Matter Physik | Materie | GSI | Frankfurt am Main U | 2007 - 2012 |
| Gutierrez, Maximiliano | Intracellular trafficking of phagosomes and immunity: lessons from mycobacteria | Gesundheit | HZI | Hannover U | 2009 - 2013 |
| Hackermüller, Jörg | Bioinformatics and transcriptomics of non-protein coding RNAs controlling epigenetic modifications in T cell differentiation | Gesundheit | UFZ | Leipzig U | 2011 - 2017 |
| Hagn, Franz | NMR-based Structural Biology of Disease-linked Membrane Proteins | Gesundheit | HMGU | München TU | 2014 - 2020 |
| Hamaguchi, Koichi<br>Covi, Laura | Particle physics and Cosmology: Beyond the two Standard Models | Materie | DESY | Hamburg U,<br>Padua U (IT) | 2003 - 2009 |
| Harnisch, Falk | Entwicklung der mikrobiellen Bioelektrokatalyse für die chemische Synthese (BioEkat) | Erde und Umwelt | UFZ | Leipzig U | 2012 - 2018 |

| Nachwuchsgruppenleitung | Titel der Gruppe | Forschungsbereich | Helmholtz-Zentrum | Beteiligte Hochschulen | Laufzeit |
|---|---|---|---|---|---|
| Hartmann, Ralf | New flow solver technology based on adaptive higher order Discontinuous Galerkin methods | Luftfahrt, Raumfahrt und Verkehr | DLR | Braunschweig TU | 2006 - 2012 |
| Hausmann, Joachim | Electrolytic Production Routes for Titanium Matrix Composites | Luftfahrt, Raumfahrt und Verkehr | DLR | Aachen TH | 2006 - 2011 |
| Häußler, Susanne | Pathogenesis of chronic Pseudomonas aeruginosa infections | Gesundheit | HZI | Hannover MedH | 2005 - 2010 |
| Heidenkwälder, Mathias | Inflammation induced chronic tissue destruction | Gesundheit | HMGU | München TU | 2010 - 2015 |
| Heim, Sarah | Searching for dark matter and other new physics with the Higgs boson at the ATLAS Experiment | Materie | DESY | Hamburg U | 2016 - 2021 |
| Helias, Moritz | Theory of multi-scale neuronal networks | Schlüsseltechnologien | FZJ | Aachen TH | 2014 - 2019 |
| Hermann, Raphael P. | Lattice Dynamics in Emerging Functional Materials | Materie | FZJ | Liège U (BE) | 2008 - 2015 |
| Hilgendorff, Anne | Molecular Mechanisms of Bronchopulmonary Dysplasia | Gesundheit | HMGU | München U | 2012 - 2017 |
| Hinz, Stefan | Automatisches Bildverstehen in hochaufgelösten Fernerkundungsdaten | Luftfahrt, Raumfahrt und Verkehr | DLR | München TU | 2003 - 2010 |
| Hoose, Corinna | Aerosol effects on cloud ice, precipitation and climate | Erde und Umwelt | KIT | Karlsruhe U KIT | 2010 - 2016 |
| Huege, Tim | Development of a Next Generation Hybrid Detector Concept for the Pierre Auger Observatory | Materie | KIT | Karlsruhe U KIT | 2008 - 2013 |
| Huhn, Carolin | Novel strategies using multidimensional Approaches for the Analysis of complex Biological Systems | Schlüsseltechnologien | FZJ | Münster U | 2010 - 2013 |
| Husemann, Ulrich | Top as Key to LHC Physics | Materie | DESY | Berlin HU | 2008 - 2013 |
| Hvitfeldt Iversen, Morten | SEAPUMP - SEAsonal and Regional food web interactions with the biological PUMP | Erde und Umwelt | AWI | Bremen U | 2014 - 2019 |
| Jenko, Frank | Theory and Ab Initio Simulation of Plasma Turbulence | Energie | IPP | Münster U | 2005 - 2011 |
| Kilian, Wolfgang | Universelle Ereignisgeneratoren für zukünftige Lepton-Collider | Materie | DESY | Würzburg U | 2003 - 2006 |
| Kizil, Caghan | Molecular mechanisms of stem cell plasticity and regenerative neurogenesis in adult zebrafish brain | Gesundheit | DZNE | Dresden TU | 2014 - 2018 |
| Kohlheyer, Dietrich | Microscale Bioengineering Group | Schlüsseltechnologien | FZJ | Aachen TH | 2014 - 2019 |
| Kottke, Tilman | Struktur und Funktion biologischer Blaulichtrezeptoren | Gesundheit | FZJ | Regensburg U, Düsseldorf U | 2004 - 2007 |
| Kraus, Dominik | Dynamic Warm Dense Matter Research with HIBEF | Materie | HZDR | Dresden TU | 2016 - 2021 |
| Krumsiek, Jan | MODi - Multi-omics Pathway Signatures of Diabetes | Gesundheit | HMGU | München TU | 2016 - 2021 |
| Krupke, Ralph | Electronic and Optical Properties of Molecular Nanostructures | Schlüsseltechnologien | KIT | Karlsruhe U KIT | 2005 - 2010 |
| Kunis, Stefan | Fast algorithms for biomedical imaging | Gesundheit | HMGU | Osnabrück U | 2009 - 2016 |
| Laepple, Thomas | Estimating Climate Variability by Quantifying Proxy Uncertainty and Synthesizing Information Across Climate Archives (ECUS) | Erde und Umwelt | AWI | Potsdam U | 2013 - 2018 |
| Lake, Alysia B. | Neutron Scattering Investigation of Quantum Magnets and Exotic Superconductors | Materie | HZB | Berlin TU | 2006 - 2011 |
| Lantuit, Hugues | Coastal Permafrost erosion, organic carbon and nutrient release to the Arctic nearshore zone - COPER | Erde und Umwelt | AWI | Potsdam U | 2012 - 2018 |

| Nachwuchsgruppenleitung | Titel der Gruppe | Forschungsbereich | Helmholtz-Zentrum | Beteiligte Hochschulen | Laufzeit |
|---|---|---|---|---|---|
| Levkin, Pavel | Functional and Stimuli-Responsive Polymer Surfaces | Schlüsseltechnologien | KIT | Heidelberg U | 2010 - 2016 |
| Lezaic, Marjana | Computational Nanoferronics Laboratory | Schlüsseltechnologien | FZJ | Aachen TH | 2008 - 2015 |
| Liang, Yunfeng | Active Control of Instabilities in Tokamak Plasmas: Application of External Perturbation Fields | Energie | FZJ | Düsseldorf U | 2008 - 2013 |
| Liebner, Susanne | Microbial Communities of the Terrestrial Subsurface: Functional Repertoire and Distribution Patterns in Pleistocene and Holocene Deposits (MicroCene) | Erde und Umwelt | GFZ | Potsdam U | 2013 - 2018 |
| Linden, Stefan | Metamaterials for Photonics | Schlüsseltechnologien | KIT | Karlsruhe U KIT | 2006 - 2010 |
| Lindenschmidt, Karl-Erich | Integration von Informations- und Modellierungssystemen zur Verbesserung des Managements von großräumigen Hochwassersituationen | Erde und Umwelt | GFZ | Karlsruhe U | 2004 - 2008 |
| Lipka, Katerina | Physics of gluons and heavy quarks from HERA to the LHC: precision measurement of the gluon density at HERA and its application for cross section measurements at the LHC | Materie | DESY | Hamburg U, Mainz U | 2008 - 2013 |
| Liu, Hai-Kun | Regulation of normal and neoplastic brain stem cells | Gesundheit | DKFZ | Heidelberg U | 2011 - 2016 |
| Lounis, Samir | Functional Nanoscale Structure Probe and Simulation Laboratory | Schlüsseltechnologien | FZJ | Aachen TH | 2011 - 2016 |
| Luzhetskyy, Andriy | Exploitation of actinomycetes genomics to produce novel drug leads | Gesundheit | HZI | Saarbrücken U | 2011 - 2015 |
| Maier, Gernot | Towards the Next-Generation Gamma-Ray Observatory | Materie | DESY | Berlin HU | 2010 - 2015 |
| Marandino, Christa A. | TRASE-EC Trace gas Air-sea exchange using eddy correlation | Erde und Umwelt | GEOMAR | Kiel U | 2012 - 2017 |
| Matthes, Katja | Quantification of Natural Climate Variability in the Atmosphere-Hydrosphere System with Data Constrained Simulations (NATHAN) | Erde und Umwelt | GEOMAR | Kiel U<br>zuvor Berlin FU | 2009 - 2016 |
| Matveenko, Aleksandr | Design of energy recovery linacs as a source of synchrotron radiation | Materie | HZB | Berlin HU | 2010 - 2018 |
| Mauder, Matthias | Capturing all relevant scales of biosphere-atmosphere exchange - the enigmatic energy balance closure problem | Erde und Umwelt | KIT | KIT | 2012 - 2018 |
| Mayer, Matthew | Overcoming barriers to converting CO2 to fuels: Identifying structure-activity relationships of bifunctional electrocatalysts | Energie | HZB | | 2017 - 2022 |
| McDermott, Rachael | Macroscopic Effects of Microturbulence Investigated in Fusion Plasmas | Energie | IPP | Augsburg U | 2012 - 2017 |
| Meier, Jochen | RNA editing and hyperexcitability disorders | Gesundheit | MDC | Berlin HU | 2006 - 2012 |
| Melzer-Pellmann, Isabell-Alissandra | Supersymmetry at the Terascale | Materie | DESY | Hamburg U | 2009 - 2014 |
| Metfies, Katja | Assessing Climate Related Variability and Change at the Base of Planktonic Food Webs in Polar Regions and the North Sea | Erde und Umwelt | AWI | Bremen U | 2009 - 2016 |
| Mick, David U. | Biogenesis and Signaling Pathways of Primary Cilia | Gesundheit | MDC | Berlin HU (Charite) | ab 2017 |
| Moch, Sven-Olaf | Computer algebra and higher orders in particle theory | Materie | DESY | Würzburg U | 2005 - 2010 |
| Mokrousov, Yuriy | Topological nanoelectronics group | Schlüsseltechnologien | FZJ | Aachen TH | 2009 - 2015 |
| Mollenhauser, Gesine | Applications of molecular 14C analysis for the study of sedimentation processes and carbon cycling in marine sediments | Erde und Umwelt | AWI | Bremen U | 2006 - 2013 |
| Müller, Anke-Susanne | Coherent THz Radiation from Ultra-Short Bunches in Electron Storage Rings | Materie | KIT | Karlsruhe U KIT | 2007 - 2014 |

| Nachwuchsgruppenleitung | Titel der Gruppe | Forschungsbereich | Helmholtz-Zentrum | Beteiligte Hochschulen | Laufzeit |
|---|---|---|---|---|---|
| Müller, Juliane | Palaeo Sea Ice and Climate Dynamics (PALICE) | Erde und Umwelt | AWI | Bremen U | 2016 - 2021 |
| Müller, Martina | Oxide Spintronics Laboratory | Schlüsseltechnologien | FZJ | Duisburg-Essen U | 2012 - 2018 |
| Nettelbeck, Dirk M. | Oncolytic Adenoviruses for Targeted and Multimodal Cancer Therapy | Gesundheit | DKFZ | Heidelberg U | 2006 - 2012 |
| Niehoff, Barbara | Trophische Interaktionen in pelagischen Ökosystemen - die Rolle des Zooplanktons | Erde und Umwelt | AWI | Bremen U | 2003 - 2010 |
| Niessing, Dierk | Motor Protein-Dependent Translocation Complexes in Gene Regulation and Disease | Gesundheit | HMGU | München U | 2005 - 2011 |
| Nörtershäuser, Wilfried | Laserspektroskopie an exotischen Atomen und hochgeladenen Ionen | Materie | GSI | Mainz U | 2005 - 2012 |
| Nunes da Rocha, Ulisses | Micro 'Big Data': Mining 'Big Data' for Microbial Functional Hotspots in Terrestrial Environments | Erde und Umwelt | UFZ | Leipzig U | 2017 - 2022 |
| Ott, Christian | Dynamische Regelung Humanoider Laufmaschinen | Luftfahrt, Raumfahrt und Verkehr | DLR | München TU | 2011 - 2016 |
| Paetzold, Ulrich W. | Nanophotonics for Perovskite/Silicon Multijunction Solar Cells | Schlüsseltechnologien | KIT | KIT | 2016 - 2021 |
| Panáková, Daniela | Electrochemical Signaling in Development and Disease | Gesundheit | MDC | Berlin Charité | 2011 - 2016 |
| Pereira, Gislene | Molecular Biology of Centrosomes and their Role in Cell Cycle Progression and Carcinogenesis | Gesundheit | DKFZ | | 2005 - 2010 |
| Peters, Yvonne | Approaching the Fundaments of Physics using Top Quarks at LHC | Materie | DESY | Göttingen U, Manchester U (UK) | 2012 - 2017 |
| Petersen, Hannah | Dynamical Description of Heavy Ion Reactions at FAIR | Materie | GSI | Frankfurt U | 2012 - 2017 |
| Pfleiderer, Christian | Untersuchung neuartiger Zustände von Metallen mit starken elektronischen Wechselwirkungen | Materie | KIT | Karlsruhe U | 2003 - 2008 |
| Plant, Claudia | Integrative Knowledge Discovery to Explore Complex Biological Systems | Gesundheit | HMGU | München TU | 2013 - 2018 |
| Plaß, Wolfgang | Experimente mit gespeicherten exotischen Kernen | Materie | GSI | Giessen U | 2003 - 2007 |
| Platten, Michael | Mechanisms of tumour immune escape and autoimmunity in the central nervous system | Gesundheit | DKFZ | Heidelberg U | 2007 - 2013 |
| Plöger, Felix | Assessment of Stratospheric Processes and their Effects on Climate Variability (A-SPECi) | Erde und Umwelt | FZJ | Wuppertal U | 2016 - 2021 |
| Polte, Tobias | Leipzig Study on the Role of Indoor Pollutants in Allergy Development (LIPAD) | Gesundheit | UFZ | Leipzig U | 2007 - 2012 |
| Poy, Matthew N. | microRNA and Molecular Mechanisms of Metabolic Diseases | Gesundheit | MDC | Berlin Charité | 2008 - 2013 |
| Pueschel, Elisa | Opening a New Window on Physics Beyond the Standard Model Using the Cherenkov Telescope Array | Materie | DESY | Potsdam U | 2017 - 2022 |
| Raspereza, Alexei | Probing electroweak Symmetry Breaking at LHC: Higgs Physics with the CMS detector | Materie | DESY | Karlsruhe U KIT | 2009 - 2014 |
| Reifarth, René | Proton-Induced Reactions for Astrophysical Nucleosynthesis (PIANO) | Materie | GSI | Frankfurt am Main U | 2007 - 2012 |
| Ritter, Christiane | Virulence and prion properties of functional amyloids utilized by microorganisms | Gesundheit | HZI | Braunschweig TU | 2007 - 2013 |
| Rocks, Oliver | Spatio-temporal regulation of Rho protein signaling | Gesundheit | MDC | Berlin FU | 2011 - 2016 |

| Nachwuchsgruppenleitung | Titel der Gruppe | Forschungsbereich | Helmholtz-Zentrum | Beteiligte Hochschulen | Laufzeit |
|---|---|---|---|---|---|
| Röhle, Ingo | New Optical Measurement Techniques for Turbomachinery Diagnostics | Luftfahrt, Raumfahrt und Verkehr | DLR | Berlin TU | 2005 - 2010 |
| Rolles, Daniel | Watching Chemistry in Action: Probing Ultrafast Chemical Dynamics by Time-Resolved Photoelectron Imaging | Materie | DESY | Göttingen U | 2013 - 2017 |
| Rosenbauer, Frank | Cancer stem cells and transcription factors | Gesundheit | MDC | Berlin HU | 2005 - 2011 |
| Roth, Markus | Investigation of inclined extensive air showers of highest energies with the Pierre Auger Observatory | Materie | KIT | Karlsruhe U KIT | 2005 - 2010 |
| Rother, Dörte | Modular Synthetic Enzyme Cascades | Schlüsseltechnologien | FZJ | Aachen TH | 2012 - 2017 |
| Rykovanov, Sergey | Theoretical and computational relativistic laser plasma and x-ray generation physics | Materie | GSI | Jena U | 2014 - 2019 |
| Sachs, Torsten | Trace Gas Exchange in the Earth - Atmosphere System on Multiple Scales (TEAM) | Erde und Umwelt | GFZ | Braunschweig TU | 2012 - 2017 |
| Saito, Takehiko | Hypernuclear Spectroscopy with Heavy Ion Beams | Materie | GSI | Mainz U | 2006 - 2012 |
| Sawamiphak, Suphansa | Macrophage plasticity and heterogeneity in cardiac regeneration | Gesundheit | MDC | Berlin HU (Charite) | 2017 - 2022 |
| Schmid, Martina | Nano-optical concepts for Chalcopyrite solar cells - NanooptiX | Energie | HZB | Berlin FU | 2012 - 2018 |
| Schmidt, Michael | Geographische Fernerkundung für die Biodiversitätsforschung | Erde und Umwelt | DLR | Würzburg U | 2003 - 2010 |
| Schmidt, Moritz | Structures and Reactivity at the Aequeos/Mineral Interface | Energie | HZDR | Dresden TU | 2013 - 2018 |
| Schmitz-Antoniak, Carolin | Borderline Magnetism | Schlüsseltechnologien | FZJ | Duisburg-Essen U | 2014 - 2019 |
| Schneider, Ralf | Simulation des Materialverhaltens unter Plasmakontakt | Energie | IPP | Greifswald U | 2005 - 2010 |
| Schug, Alexander | Multi-scale Simulations of Regulatory RNAs and Two-Component signal Transduction | Schlüsseltechnologien | KIT | Karlsruhe U KIT | 2011 - 2019 |
| Schweda, Kai | Investigations of Collective Effects in Ultra-Relativistic Nuclear Collisions | Materie | GSI | Heidelberg U | 2005 - 2011 |
| Scrima, Andrea | Strucural Biology of Autophagy in Infection and Disease | Gesundheit | HZI | Braunschweig TU | 2011 - 2016 |
| Selbach, Matthias | Experimental Systems Biology of Cell Signalling | Gesundheit | MDC | Berlin Charité | 2007 - 2013 |
| Sinnhuber, Miriam | Solar variability, climate, and the role of the mesosphere / lower thermosphere | Erde und Umwelt | KIT | Karlsruhe U KIT | 2010 - 2017 |
| Spagnoli, Francesca M. | Molecular and Cellular Basis of Embryonic Development | Gesundheit | MDC | Berlin Charité | 2008 - 2013 |
| Stankov, Svetoslav | Interplay between structure and lattice dynamics in epitaxial rare earth nanostructures | Schlüsseltechnologien | KIT | Karlsruhe U KIT | 2010 - 2018 |
| Steinhauser, Matthias<br>Veretin, Olga | Hochpräzisionsanalyse von Topquark-Eigenschaften bei TESLA | Materie | DESY | Hamburg U<br>Barcelona U (ES) | 2003 - 2008 |
| Stöcklin, Georg | Regulation of mRNA turnover in normal and tumor cells | Gesundheit | DKFZ | – | 2006 - 2011 |
| Strowig, Till | Interplay of inflammasomes, commensals and pathogens at mucosal interfaces: Impact on host response to infection and vaccination | Gesundheit | HZI | Hannover MedH | 2013 - 2018 |
| Stumpf, Thorsten | Aufklärung geochemischer Reaktionsmechanismen an der Wasser/Mineralphasen Grenzfläche | Energie | KIT | Heidelberg U | 2006 - 2010 |

| Nachwuchsgruppenleitung | Titel der Gruppe | Forschungsbereich | Helmholtz-Zentrum | Beteiligte Hochschulen | Laufzeit |
|---|---|---|---|---|---|
| Surzhykov, Andrey | Relativistic quantum theory of few-electron systems in strong fields: Atomic physics at high-Z | Materie | GSI | Heidelberg U | 2008 - 2014 |
| Tackmann, Kerstin | Higgs Physics with Photons at the ATLAS Experiment | Materie | DESY | Hamburg U | 2011 - 2016 |
| Teleman, Aurelio A. | Insulin Signaling in Drosophila melanogaster | Gesundheit | DKFZ | – | 2007 - 2012 |
| Temirov, Ruslan | Complex transport regimes in scanning tunneling microscopy | Schlüsseltechnologien | FZJ | Aachen TH | 2009 - 2014 |
| Thullner, Martin | Geomicrobial Reactive Transport Systems: Model Development and Environmental Applications (GReaT MoDE) | Erde und Umwelt | UFZ | Utrecht U (NL) | 2007 - 2014 |
| Titz, Alexander | Chronic Pseudomonas aeruginosa Infections: Towards Anti-Adhesion Therapeutics for Biofilm Dispersal and Inhibition | Gesundheit | HZI | Saarbrücken U | 2013 - 2018 |
| Told, Daniel | Hybrid gyrokinetic computations for weakly magnetized plasmas in nature and the laboratory | Energie | IPP | Bochum U | 2017 - 2022 |
| Tosi, Nicola | Early dynamics of the terrestrial planets and role of the biosphere on their evolution | Luftfahrt, Raumfahrt und Verkehr | DLR | Berlin TU | 2014 - 2019 |
| Trimborn, Scarlett | EcoTrace: Role of trace metals on Antarctic phytoplankton ecology | Erde und Umwelt | AWI | Bremen U | 2013 - 2019 |
| Tschaharganeh, Darjus-Felix | Epigenetic remodeling in tumor development and cell plasticity | Gesundheit | DKFZ | Heidelberg U | 2016 - 2021 |
| Tsotsalas, Manuel | Hierarchically Structured Biomaterials | Schlüsseltechnologien | KIT | KIT | 2016 - 2020 |
| Ulrich, Ralf Matthias | Interpretation of Ultra-High Energy Cosmic Ray Data Using LHC Measurements | Materie | KIT | Karlsruhe U KIT | 2011 - 2017 |
| Valerius, Kathrin | Analysis of KATRIN data to measure the neutrino mass and search for new physics | Materie | KIT | KIT | 2014 - 2019 |
| Vetterlein, Doris | Bioverfügbarkeit von Arsen - Schadstofftransfer Boden-Pflanze-Nahrung unter besonderer Berücksichtigung von Rhizosphärenprozessen (BASS) | Erde und Umwelt | UFZ | Halle-Wittenberg U | 2004 - 2009 |
| Vitova, Tonya | Advanced synchrotron-based systematic investigations of actinide (An) and lanthanide (Ln) systems to understand and predict their reactivity | Energie | KIT | Karlsruhe U KIT | 2011 - 2019 |
| Voigt, Christiane | Impact of Aircraft Emissions on the heteROgeneous chemistry of the TROPopause region - AEROTROP | Luftfahrt, Raumfahrt und Verkehr | DLR | Mainz U | 2007 - 2015 |
| Voigtmann, Thomas | Transport Processes in Melts under External Fields | Luftfahrt, Raumfahrt und Verkehr | DLR | Konstanz U | 2008 - 2013 |
| Weber, Frank | Competing Phases in Superconducting Materials | Schlüsseltechnologien | KIT | KIT | 2012 - 2018 |
| Weber, Thorsten<br>Feldhaus, Josef | Many Particle Momentum Spectroscopy with Synchrotron and FEL Radiation | Materie | DESY | Frankfurt am Main U | 2005 - 2008 |
| Wegewijs, Maarten Rolf | Quantum Effects of Molecules on Surfaces | Materie | FZJ | Aachen TH | 2007 - 2013 |
| Weikusat, Ilka | The effect of deformation mechanisms for ice sheet dynamics | Erde und Umwelt | AWI | Tübingen U, Utrecht U (NL) | 2012 - 2018 |
| Weinzierl, Bernadett | AerCARE-Impacts of Aerosol layers on atmosphere and climate | Luftfahrt, Raumfahrt und Verkehr | DLR | München U | 2010 - 2017 |
| Welsch, Caren P. | Low-Energy Antiproton and Ion Research with an Ultra-low energy Storage Ring at FAIR | Materie | GSI | Heidelberg U | 2007 - 2012 |
| Wendeberg, Annelie | Microbial Ecosystem Services | Erde und Umwelt | UFZ | Uppsala U (SE) | 2009 - 2015 |

| Nachwuchsgruppenleitung | Titel der Gruppe | Forschungsbereich | Helmholtz-Zentrum | Beteiligte Hochschulen | Laufzeit |
|---|---|---|---|---|---|
| Westphal, Alexander | Strings and Cosmology - an Interface for Testing Fundamental Theories | Materie | DESY | | 2010 - 2015 |
| Westmeyer, Gil Gregor | Novel Probes for molecular fMRI | Gesundheit | HMGU | München TU | 2011 - 2016 |
| Wilde, Gerhard | Nanokristalline Systeme mit reduzierter Dimensionalität | Schlüsseltechnologien | KIT | Saarbrücken U | 2003 - 2006 |
| Witthaut, Dirk | E3-NET efficiency, Emergence and Economics of future supply networks | Energie | FZJ | Köln U | 2014 - 2019 |
| Wolf, Felix | Advanced Performance Analysis Tools for Parallel and Distributed High-Performance Computing Applications | Schlüsseltechnologien | FZJ | Aachen TH | 2006 - 2011 |
| Wolfrum, Bernhard | Nanotechnology Tools for chip-based communication with cells | Schlüsseltechnologien | FZJ | Aachen TH | 2009 - 2015 |
| Zeis, Roswitha | Investigation of Overpotentials in High Temperature Proton Exchange Membrane Fuel Cells | Energie | KIT | Ulm U | 2010 - 2020 |
| Zender, Lars | "Senescence Surveillance" in chronic hepatitis and hepatocellular carcinoma-Biological significance in liver cancer suppression and treatment | Gesundheit | HZI | Hannover MedH | 2008 - 2013 |
| Zhou, Shengqiang | Ion-beam processed functional materials for spintronics and photovoltaics | Schlüsseltechnologien | HZDR | Dresden TU | 2011 - 2016 |
| Zhu, Xiaoxiang | SiPEO - Modern Signal Processing Methods for the Next Generation of Earth Observation Satellite Missions | Luftfahrt, Raumfahrt und Verkehr | DLR | München TU | 2014 - 2019 |