

<p>CM Computational Materials Design Prof. J. Neugebauer</p> <p>Computational Phase Studies Dr. T. Hickel</p> <p>Computer Center Dr. C. Freysoldt</p> <p>Defect Chemistry and Spectroscopy Dr. C. Freysoldt</p> <p>Electrochemistry and Corrosion Dr. M. Todorova</p> <p>Microstructure and Mechanics Prof. E. Bitzek</p> <p>Complex Concentrated Alloys Dr. F. Körmann (guest group leader)</p> <p>Funded by NWO</p>	<p>GO Interface Chemistry and Surface Engineering Prof. M. Stratmann*</p> <p>Atomistic Modelling Prof. S. Wippermann (guest group leader)</p> <p>Corrosion Dr. M. Rohwerder</p> <p>RUB-MPIE Junior Research Group Spectroscopy at Electrochemical Interfaces Dr. M. Rabe</p>	<p>MA Microstructure Physics and Alloy Design Prof. D. Raabe</p> <p>Atom Probe Tomography Prof. B. Gault</p> <p>Mechanism-based Alloy Design Dr. D. Ponge</p> <p>Microscopy and Diffraction Dr. S. Zaeferrer</p> <p>Theory and Simulation Dr. F. Roters</p> <p>ERC Consolidator Grant Hydrogen in Energy Materials Prof. B. Gault</p> <p>Funded by DFG Integrated Computational Materials Engineering Prof. M. Diehl (guest group leader)</p>	<p>SN Structure and Nano-/Micromechanics of Materials Prof. G. Dehm</p> <p>Advanced Transmission Electron Microscopy Dr. C. Liebscher</p> <p>Intermetallic Materials Dr. F. Stein</p> <p>Mechanics at Chemical Interfaces Dr. J. P. Best</p> <p>Nanomechanical Instrumentation and Extreme Nanomechanics Dr. R. Ramachandramoorthy</p> <p>ERC Starting Grant Additive Micromanufacturing Dr. R. Ramachandramoorthy</p> <p>Funded by ERC Advanced Grant Atomistic Modelling of Material Interfaces Dr. T. Brink</p> <p>Funded by ERC Advanced Grant Hydrogen Mechanics and Interfaces Dr. M. J. Duarte Correa</p>	<p>I Independent research groups, members and schools</p> <p>Independent Max Planck Research Group Nanoanalytics and Interfaces Prof. C. Scheu</p> <p>Max Planck Fellow Group Electrochemistry and Nanoscale Materials Prof. K. Tschulik</p> <p>International Max Planck Research School for Sustainable Metallurgy Prof. E. Bitzek E. Lorenz</p> <p>External Members Prof. R. Kirchheim</p>
---	---	---	---	---

Interdepartmental Groups

Funded by EIC Artificial Intelligence for Materials Science Dr. Z. Rao	Computational Energy Storage Materials Dr. Y. Bai & Dr. C. Liu	Funded by EIC High-Entropy Materials Dr. L. Han	Hydrogen Embrittlement in High-Performance Alloys Prof. B. Sun	Materials Science of Additive Manufacturing Dr. R. Ramachandramoorthy & Prof. H. Springer	Funded by ERC Advanced Grant Sustainable Synthesis of Materials Dr. Y. Ma & Dr. I. Souza
---	--	--	--	---	---

Partner Groups

MPG Group De Magnete Designing Magnetism Prof. O. Gutfleisch	MPG Group High Temperature Materials Prof. G. Eggeler	MPG Group Thin Film Materials Design Prof. J. Schneider	Max Planck Partner Group Combinatorial Design of Permanent Magnets Prof. K. G. Pradeep	Max Planck Partner Group Degradation of High Temperature Materials Prof. S. K. Makineni	Max Planck Partner Group High Performance Materials for Harsh Energy Applications Dr. J. Zavasnik	Max Planck Partner Group Stress and Defects Driven Phase Transformations Prof. R. S. Meka	RWTH Aachen University Sustainable Materials Science and Technology Prof. H. Springer
---	--	--	---	--	--	--	--

Scientific Service Groups

Hydrogen Laboratory • Electrochemical and gas-phase hydrogen charging • Thermal desorption spectroscopy Dr. M. Rohwerder	Materials Testing • Mechanical & physical properties • Varying environments Dr. D. Ponge	Metallography • Light microscopy • Scanning Electron Microscopy Dr. S. Zaeferrer	Synthesis and Processing • Alloy production • Thermomechanical treatments Dr. D. Ponge	X-Ray Diffraction • XRD phase analysis • Pole figure and residual stress measurements • Advanced XRD techniques • B. Breitbach
--	--	--	--	---

Administration & Non-Scientific Service Groups – Dr. K. de Weldige

Accounting and Third Party Funds M. Bosch	Human Resources J. Heisel	Procurement U. Theuerkauf	Electronics I. Gonzalez	IT Services R. McCormack	Library P. Siegmund	Research Coordination Office Dr. K. Hübel	Technical Services incl. Mechanical Workshop M. Winkler
Int. Max Planck Research School E. Lorenz	International Office H. Titchener	Research Funding Dr. K. Hübel	Public Relations Y. Ahmed Salem				

Boards & Representatives

Apprentice Representative J. Kuschke	Disability Representative V. Kree	Gender Equality Officer S. Degner	Scientific Advisory Board Coordinator: A. Schuck	Supervisory Board Coordinator: A. Schuck	Work Council K. Angenendt
--	---	---	--	--	-------------------------------------

*Prof. M. Stratmann is on leave for the time of his presidency of the Max Planck Society. Provisional head of the department is Prof. J. Neugebauer.