

<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>Materials Informatics Dr. J. Janßen</p> <p>Microstructure and Mechanics Prof. E. Bitzek</p>	<p>GO Interface Chemistry and Surface Engineering N.N./Provisional Head: Prof. J. Neugebauer</p> <p>Atomistic Modelling Prof. S. Wippermann (guest group leader)</p> <p>Corrosion Dr. M. Rohwerder</p> <p>Surface Science for Future Materials Dr. P. Jovičević-Klug</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>Microstructure and Interfaces of Battery Materials Dr. Y. Joshi</p> <p>Theory and Simulation Dr. F. Roters</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>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>Emeritus Group Electrochemical Surface Science Prof. M. Stratmann</p> <p>External Members Prof. R. Kirchheim</p>
--	--	--	--	---

Interdepartmental Groups

Artificial Intelligence for Materials Science Funded by EIC Dr. Z. Rao	Atomic Scale Dynamics of Sustainable Materials Dr. Xuyang Zhou	Computational Energy Storage Materials Dr. Y. Bai & Dr. C. Liu	High-Entropy Materials Funded by EIC Dr. L. Han	Hydrogen Embrittlement in High-Performance Alloys Prof. B. Sun	Materials Science of Additive Manufacturing Dr. R. Ramachandramoorthy & Prof. H. Springer	Sustainable Magnets and Recycling Dr. M. Jovičević-Klug
---	--	--	--	--	---	---

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 Properties of Decorated Grain Boundaries Dr. H. Bishara	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 • Metallographic sample preparation Dr. S. Zaeferrer	Synthesis and Processing • Alloy production • Thermomechanical treatments • Annealing and welding 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 B. Kloß	Human Resources M. Schmitz	Procurement A. Moll	Electronics I. Gonzalez	IT Services M. Mietzner	Library P. Siegmund	Research Coordination Office Dr. K. Hübel	Technical Services incl. Mechanical Workshop M. Winkler
--	--------------------------------------	-------------------------------	-----------------------------------	-----------------------------------	-------------------------------	---	---

Boards & Representatives

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