

MPIE wins competition for the best minds

Humboldt ranking: Max-Planck-Institut für Eisenforschung achieves first place in Engineering Sciences

In the Alexander von Humboldt Foundation's ranking, the Max-Planck-Institut für Eisenforschung (MPIE) took first place among non-university research institutions in the field of engineering sciences. In addition, it achieved third place among non-university research institutions across all subject areas. The Humboldt Foundation sponsors excellent, international researchers with a fellowship at a research institution of their choice in Germany. Achieving first place in the ranking is an important indicator of MPIE's worldwide reputation.

"We are very proud that we have achieved first place for the second time in a row. This shows our strong international networking and visibility," says Prof. Dierk Raabe, Director at MPIE and head of the department "Microstructure Physics and Alloy Design" which hosts most of the Humboldt fellows at the institute. The institute already achieved first place in 2017 and finished second in 2014, just behind the Max Planck Institute of Colloids and Interfaces. The Humboldt ranking is based on the number of scientists who have been awarded a Humboldt Research Fellowship and who have conducted their research at a German institution during the past five years.

Around 350 people work at the MPIE, of which approximately 2/3 are scientists from over 35 countries.

The international team of the Max-Planck-Institut für Eisenforschung conducts advanced basic materials research related to the fields of mobility, energy, infrastructure, medicine and digitalisation. The focus lies on nanostructured metallic materials as well as semiconductors, which are analysed down to their atomic and electronic scales. This enables the MPIE team to develop new, tailor-made structural and functional materials embracing their synthesis and processing, characterization and properties, as well as their response in engineering components exposed to real operating environments.

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