Two IFW scientists named in the Global Highly Cited Researchers 2018 List

Professor Oliver G. Schmidt and Professor Jeroen van den Brink from IFW Dresden have named in the annual Highly Cited Researchers 2018 List. Annual list from Clarivate Analytics identifies influential researchers with multiple papers ranking in the top 1% by citations for their field and year.

Professor Oliver G. Schmidt and Professor Jeroen van den Brink from the Leibniz Institute for Solid State and Materials Research Dresden (IFW) belong to the world's most cited scientists. This is the result of the annual ranking of the American data analytics company Clarivate Analytics. Placement on the list has been recognized as a significant achievement for those named. The Web of Science serves as the basis for regular listings of researchers whose citation records position them in the top 1% by citations for their field and year. Among the approximately 6,000 listed scientists 356 have German affiliations. This places Germany fourth behind the USA, UK and China.

Professor Schmidt has been head of the Institute for Integrative Nanosciences at the IFW Dresden since 2007 and holds a professorship at Technical University of Chemnitz. He conducts research in the field of functional nanomembranes and bridge across several disciplines from physics to micro robotics. At the same time, he is a pioneer in a number of visionary applications of nanomembranes in photonics, sensors, medicine and battery research.

Jeroen van den Brink is a theoretical condensed matter physicist, director of the Institute for Theoretical Solid State Physics at IFW Dresden and professor at the Dresden University of Technology. He is known for his contributions to the theory of new quantum materials, such as topological insulators and unconventional superconductors. His focus is on the theoretical treatment of unexplored ground states of matter that manifest themselves in new electronic and magnetic properties.

Clarivate Analytics, USA, examines how many times scientists are cited over a 11-year period. The Web of Science serves as the basis for the regular listings of researchers whose citation records position them in the top 1% for their field and year. Thus the Highly Cited Researchers 2018 list helps to identify the researchers who are having the greatest impact on the research community as measured by the rate at which their work is being cited by others. In 2018, the interdisciplinary category "cross-field" was introduced in addition to the previous 21 research fields.

The full Highly Cited Researchers 2018 list can be found online at https://clarivate.com/hcr/.

wissenschaftliche Ansprechpartner:
Prof. Dr. Oliver Schmidt
o.schmidt@ifw-dresden.de
IFW Dresden
Tel. 0351 4659 800

Prof. Dr. van den Brink
j.vandenbrink@ifw-dresden.de
IFW Dresden
Tel. 0351 4659 380

URL zur Pressemitteilung: https://clarivate.com/hcr/.