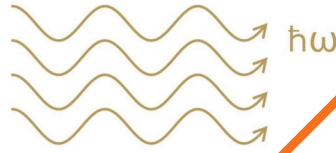




Alexander von Humboldt  
Stiftung / Foundation

## Rudolf-Kaiser-Preis

Nachwuchsförderung für die  
Experimentalphysik



MAX PLANCK INSTITUTE FOR  
SOLID STATE RESEARCH

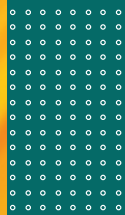


Lecture Hall 2D5

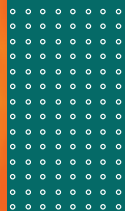
Max Planck Institute for Solid State Research

6 February, 2023 • 2 pm

# Award Ceremonies



## Program



### Rudolf Kaiser Prize

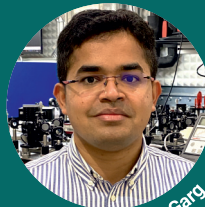
2:00 – 2:10 **Prof. Bettina V. Lotsch**  
MPI for Solid State Research, Stuttgart  
Introductory Remarks

2:10 – 2:30 **Rainer Lüdtke**  
Deutsches Stiftungszentrum, Essen  
Introduction and Laudation

2:30 – 2:40 **Prof. Klaus Kern**  
MPI for Solid State Research, Stuttgart  
Laudation

2:40 – 2:50 **Rainer Lüdtke**  
Deutsches Stiftungszentrum, Essen  
Presentation of the prize

2:50 – 3:20 **Dr. Manish Garg**  
MPI for Solid State Research, Stuttgart  
Catching electrons and atoms in action



Dr. Manish Garg

### Humboldt Research Award

3:20 – 3:30 **Prof. Jochen Mannhart**  
MPI for Solid State Research, Stuttgart  
Laudation

3:30 – 4:00 **Prof. Andreas J. Heinrich**  
Center for Quantum Nanoscience, Seoul  
Towards quantum computing  
with spins on surfaces

4:00 – 4:10 **Prof. Bettina V. Lotsch**  
MPI for Solid State Research, Stuttgart  
Concluding remarks

4:10 – ... **Snacks and drinks**

4:40 – ... **Discussions**



Prof. Dr. Andreas J. Heinrich

### Dr. Manish Garg

from Max Planck Institute for Solid State Research, has been awarded the **Rudolf Kaiser Prize** – one of the most prestigious German prizes for young scientists in the field of physics. The Rudolf Kaiser Prize, was given to Dr. Garg for "the development of a quantum microscope, which enables probing of electronic and atomic dynamics in matter at fundamental space-time limits".

The Rudolf Kaiser Prize has been awarded since 1989 to experimental physicists who have published several outstanding papers but have not yet been appointed to a chair professorship and are under the age of 40 years. Many of the former awardees are now highly respected, highly decorated scientists worldwide.

### Professor Andreas J. Heinrich

has received a **Humboldt Research Award** from the Alexander von Humboldt Foundation.

Professor Heinrich, Director of the Center of Quantum Nanoscience at the Institute for Basic Science in Seoul, South Korea, is one of the most distinguished scientists in the field of nanoscience. He has made highly innovative contributions to this field of research and is widely known for his pioneering contributions to spin excitation spectroscopy and the precise manipulation of atoms using scanning tunneling microscopy. He is particularly known for his numerous pioneering measurements of the spin properties of atomically precise structures at the nanometer scale, an endeavor that bridges the gap between spintronics and quantum physics and provides a fundamental understanding of how nanosystems interact with their environment.

All members of the Institute and guests are cordially invited.

Contact: [events@fkf.mpg.de](mailto:events@fkf.mpg.de)