

10-14 JULY 2023



SHORT BIO:

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Education and Employment

1985 Diploma in Physics, University Erlangen, Germany
1989 Ph.D. in Physics, University Erlangen
1990 - 1992 Postdoctoral fellow (DFG) at Lawrence Berkeley Laboratory, USA
1993 - 2000 Research scientist and group leader, University Erlangen
1998 Visiting scientist, Technical University Ilmenau, Germany
1998 Habilitation in Physics, University Erlangen
2000 - 2002 Research scientist, Fritz-Haber-Institute of the Max-Planck-Gesellschaft, Berlin
2002 - today Head of scientific facility for Interface Analysis, Max Planck Institute for Solid State Research, Stuttgart
2013 Ausserplanmäßiger Professor, University Erlangen, Germany

Areas of Research

Surface science, semiconductor surfaces
Synthesis of high quality epitaxial graphene on silicon carbide
Functionalization and nano-structuring of epitaxial graphene and nanostructures
Epitaxial growth of 2D materials (TMDs and TMD heterostructures)
Investigation of electronic and atomic structure by a multitude of techniques

Output

208 peer reviewed publications
H-index 53