

Prof. Dr. Gabriel Bester

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Professional Experience

Present Position

since 2014 **Full-Professor (W3)**, Universität Hamburg, [Chemistry](#) and [Physics](#) Departments, Germany

Previous Positions

2007 – 2014 **Leader of a Max Planck Research Group (W2)**, Group “Theory of Semiconductor Nanostructures” at the Max Planck Institute for Solid State Research, Stuttgart, Germany

2003 – 2007 **Senior Scientist at the National Renewable Energy Laboratory**, Golden, Colorado, U.S.A.

2001 – 2003 **Postdoctoral Fellow at the National Renewable Energy Laboratory**, Group of [Dr. Alex Zunger](#), Golden, Colorado, U.S.A.

Education

1998 – 2001 **Dr. rer. nat. (PhD)**, *Physics Department*, University of Stuttgart, Germany
Title: Analysis of the electronic structure of metals and intermetallic compounds in the framework of density functional theory (in German). The work was done at the Max Planck Institute for Metals Research in Stuttgart, Germany. PhD advisor: Prof. Manfred Fähnle

1995 – 1998 **Dipl. Phys. (M. Sc.)**, *Physics Department*, University of Stuttgart, Germany
Title: Ab-initio calculations of atomic defects in the intermetallic compound Ni₃Sb.

1994 – 1995 **Graduate Student**, Oregon Sate University, Corvallis, U.S.A.

1991 – 1994 **Vordiplom (B. Sc.)**, *Physics Department*, University of Stuttgart, Germany

1987 – 1991 **Baccalaureat (High School)**, *College Clémenceau*, Montpellier, France

Academic Profile (2024)

Web of Science ResearcherID

[I-4414-2012](#)

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Number of Publications

133

Publications in Physical Review Letters

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