

CV

Name: Gabi Schierning
Date / place of birth: Oct, 12th, 1978 / Erlangen (Germany)
Personal status: married, 2 children



Education

1997-2002 Studies of *Materials Science and Engineering*, University of Erlangen-Nürnberg, Diploma thesis: Energy transfer in concentrated systems. Supervisor: Prof. A. Winnacker

Academic Degrees

06.2016 Habilitation in *Materials for Electrical Engineering*, University of Duisburg-Essen (Germany); Title of the thesis: Nanocrystalline bulk thermoelectrics: Thermoelectric properties of nanocrystalline silicon, antimony telluride and zinc oxide, and fabrication of thermoelectric generators based on nanocrystalline bulk silicon. Mentor: Prof. Dr. R. Schmechel

06.2005 PhD (Dr. Ing.) in *Materials Science and Engineering*, University of Erlangen-Nürnberg (Germany); Title of the thesis: Investigation of nanoprecipitates and their influence on the storage mechanism in CsBr:Eu. Supervisor: Prof. Dr. A. Winnacker

Experience

Since 02.2023 W3 Research Professor for Applied Quantum Materials at the Faculty of Engineering at the University of Duisburg-Essen and at the Research Center Future Energy Materials and Systems of the Research Alliance Ruhr

10.2020 – 01.2023 W2 TT W3 Professor for Experimental Physics, Bielefeld University, Germany

12.2015 – 09.2020 Head of the group *Thermoelectric materials and devices* at Leibniz-Institute for Solid State and Materials Research Dresden e.V. (IFW-Dresden), Institute for Metallic Materials, Director: Prof. K. Nielsch, Germany

11.2009 – 11.2015 Group leader of an independent Young Researcher Group, funded by the state of North Rhine-Westphalia (Germany) at University of Duisburg-Essen, Germany

03.2007 – 11.2015 Research Assistant at University of Duisburg-Essen, Department for Electrical Engineering and Information Technology, with Prof. R. Schmechel, Germany

11.2005 – 02.2007 PostDoc at Karlsruhe Institute of Technology (KIT), Institute for Nanotechnology, Group of Dr. R. Schmechel, Director: Prof. H. Hahn, Germany

03.2005 – 08.2005 PostDoc at Darmstadt Technical University, Department of Materials Science, with Prof. H. von Seggern, Germany

01.2005 – 03.2005 Research Stay at Victoria University of Wellington, School of Chemical and Physical Sciences, Experimental Physics, with Prof. A. Edgar, NZ

09.2002 – 12.2004 PhD student at University of Erlangen-Nürnberg, Department of Materials Science and Engineering, with Prof. A. Winnacker, Germany

Distinctions / Nominations

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| 2019 | ERC Consolidator Grant, European Research Council |
| 2014 | Award of Innovation of the State of North Rhine Westphalia in the category Young Researcher |
| 2012 | Innomateria Award |
| 2011 | Nomination for the Ars Legendi faculty award by the student council of NanoEngineering at University of Duiburg-Essen |
| 2009 | Independent Young Researcher Group, State of North Rhine Westphalia |
| 2003 | Award of excellence of the Bavarian Ministry of Education for the diploma thesis |