

## SCIENTIFIC CV Prof. Dr. Eva Rauls



### WORK EXPERIENCE

since 07/2017 Professor for physics at the University of Stavanger (UiS)  
10/2013-2015 Professor for theoretical physics at Osnabrück University  
(substitute, parallel to my job at Paderborn University)  
03/2015-07/2017 Research associate at Paderborn University  
10/2009-07/2017 Leader of own research group "Computational Materials Science" at  
Paderborn Universitet (self organized funding)  
10/2006-09/2009 Postdoc at Paderborn University (in Prof. W.G. Schmidts group)  
08/2004-10/2006 Postdoc og Feodor-Lynen Research Fellow (A.v. Humboldt-Foundation) at  
Aarhus Universitet (Danmark) (with B. Hammer)  
07/2003-07/2004 Postdoc at Paderborn University  
01/2000-07/2004 PhD student at Paderborn University (Germany), modelling of defects in  
semiconductors (with Prof. Th. Frauenheim)

### EDUCATION

- 07/2003 Dr. rer. nat., University of Paderborn, Germany  
(PhD-Thesis: "Annealing of Point Defects in Silicon Carbide")
- 01/2000 Diploma in Theoretical Physics, University of Paderborn, Germany  
(Diploma-Thesis: "Oxidation of nonpolar Silicon Carbide surfaces")

### RESEARCH STAYS

- Universite Pierre et Marie Curie, Paris, Frankrike (03/2012 og 12/2013)
- iNano Aarhus, Danmark (06-08 2007)
- IFM Linköping, Sverige (02-05 2002, Marie-Curie fellowship)
- TU Helsinki, Finland (02/2001)
- TU Budapest, Ungarn (06-09/2000 og 10-11/2001, partly via ERASMUS)

### LEADING EXPERIENCE

2021-2025 Project leader in NFR-project (gasseparation/CO<sub>2</sub>-storage, in cooperation with  
the UiS-chemistry department)  
2013-2018 Project leader of two own research projects  
2013-2017 Project leader in "Sonderforschungsbereich" (Tailored nonlinear photonics)  
2008-2017 Project leader in "Graduate college" (PhD school, micro- and nanostructures in  
optoelektronics, 2 projects)  
2009-2016 Leader of independent research group («Comp. Mat. Science», University of  
Paderborn)