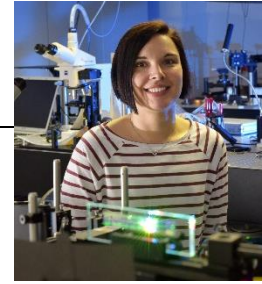


## Curriculum Vitae

Prof. Dr. rer. nat. Stefanie Kroker



## Research Topics

Photonic micro-and nanosystems for applications in high-precision optical metrology and sensing, Investigation of fundamental noise processes and non-equilibrium dynamics, Optical Interferometry, Optical and mechanical spectroscopy  
Optical nanometrology (Scatterometry, (Imaging) Ellipsometry)

## Current Position

Since 04/2016 **Junior Research Group Leader**  
Technische Universität Braunschweig and  
Physikalisch Technische Bundesanstalt, Lena  
Laboratory for Emerging Nanometrology, [www.ptb.de/lena](http://www.ptb.de/lena)



## Scientific Background

6/2014-3/2016 **Postdoctoral Research Fellow**,  
Friedrich-Schiller-Universität Jena Braunschweig/ Germany  
With Prof. Dr. Andreas Tünnermann

9/2009-5/2014 **Doctoral Studies (Dr. rer. nat.)**, Fellow of the National Academic Foundation  
Friedrich-Schiller-Universität Jena/ Germany  
With Prof. Dr. Andreas Tünnermann

2/2014-7/2014 **Visiting Scientist**, Marie Skłodowska Curie Program  
University of Tokyo, Tokyo/ Japan

2/2007-8/2007 **Studies Abroad**, Erasmus Program  
Universidad de Granada, Granada/Spain

2/2007-8/2007 **Physics Studies (Diploma Degree)**, Fellow of National Academic Foundation  
Friedrich-Schiller-Universität Jena, Garching/ Germany

7/2004-6/2008 **Research Assistant**  
4/2009-8/2009 Fraunhofer Institute for Applied Optics and Precision Engineering, IOF Jena/ Germany



## Scholarships and Awards

Since 7/2020 Member of the Junge BWG (Braunschweigsche Wissenschaftliche Gesellschaft)  
11/2014 Ph.D. Award of Friedrich-Schiller-Universität Jena  
8/2010-7/2012 PhD Fellow of the *National Academic Foundation*  
1/2004-3/2009 Fellow of the *National Academic Foundation*