RALF GREGOR NIEMANN

PERSONAL INFORMATION

Address	11 Thomas Street, BA1 5NW, Bath
Place of birth	Duisburg, Germany
Date of birth	1st of December 1985

EDUCATION

University of Bath, UK

10/2013-Present   PhD Chemistry
Compositional Diversity and Structural Dynamics of Perovskite Solar Cells
Description: Different fabrication techniques and analysis methods of perovskite solar solar cells are being analysed in this thesis. Work ongoing.
Supervisors: Dr. Petra CAMERON & Prof. Alison WALKER

University of Cambridge, UK

06/2012-12/2012   Research Internship
Near-field-enhanced, off-resonant laser sintering of semiconductor particles for additive manufacturing of dispersed AuZnO-micro/ nano hybrid structures
Description: Scientific visit as part of a joint project that resulted in a publication (DOI 10.1007/s00339-014-8270-1).

Colorado State University, USA

09/2011-12/2011   Research Internship
Tunable Mechanical Performance of Block Copolymer Hydrogel Networks via the UV Photocoupling of Anthracene End-groups

University of Duisburg-Essen, D

2010-2013   M.Sc. Chemistry
Thesis: Selective Laser Melting of Gold Nanoparticle Decorated Zinc Oxide.

University of Duisburg-Essen, D

2007-2010   B.Sc. Chemistry
Thesis: Synthesis and reactivity of cyclotetrastibanes as precursors for metal-organic chemical vapour deposition processes.

MISCELLANEOUS

Bundeswehr

2005-2006   Military service
Compulsory military service for 9 months with additional 4 optional months.

UIC London

2004   Summer school language course
English combination course at advanced level, attended at full-time.

Metall-Labor Duisburg GmbH

2001-2002   Internship
Experience in an analytical laboratory.

OTHER INFORMATION

Fellowships	2013 · Marie Curie Fellowship (PhD)
	2012 · ERASMUS Scholarship (visiting University of Cambridge)
	2011 · DAAD Scholarship (visiting Colorado State University)
PC Skills	Advanced · MATLAB, OriginLab, LATEX, Microsoft Office
	Basic · LabView, Linux, HTML, Blender
Languages	Fluent · German, English
	Basic · Spanish, French