

Curriculum vitae and lists of publications

1. Title and name		Prof. Dr. Oliver Benson
2. Year of birth		1965
3. Affiliation		Department of Physics, Humboldt University Berlin
4. Tel		+49 (0)30 2093 4711
5. E-Mail		oliver.benson@physik.hu-berlin.de
6. Current position		Full professor (W2)
7. University education	1986-1992	Study: Physics (Diplom) at Ludwig-Maximilians-Univ., Munich
	1992-1995	Doctorate: Max-Planck-Institute for Quantum Optics, Garching, and Ludwig-Maximilians-Univ., Munich
8. Professional experience	1992-1995	Staff Scientist, MPI for Quantum Optics, Garching, and Ludwig-Maximilians-Univ., Munich
	1995-1997	Postdoctoral researcher, Ludwig-Maximilians-Univ., Munich
	1997-1999	Postdoctoral researcher, Stanford Univ., Stanford, USA
	1999-2000	Postdoctoral researcher, 1999-2000: Univ. Konstanz
	2000-2001	Junior group leader within the Emmy-Noether-Programm of DFG
	2001-2006	C3-Professor for Experimental Physics at Humboldt-University Berlin
	since 2006	W2-Professor for Experimental Physics at Humboldt-University Berlin
9. Administrative experience	since 2004	Member of Institutsrat at Department of Physics
	2006-2010	Head of examination board at Department of Physics
	since 2007	member of Advisory Board of the ProFiL-Programme of TU, FU, HU
	since 2008	Faculty Advisor of the OSA and SPIE Berlin Optik Student Chapter
	since 2011	member of the Scientific Advisory Board of the Max-Born-Institute
	2010-2014	Director of the Department of Physics
	Since 2016	member of the commission for studies & teaching of Department
10. Recent related research activities		single photon physics, entanglement distribution between different physical systems, quantum information, quantum cryptography, fundamental systems in cavity quantum electrodynamics, quantum plasmonics
11. Research fields		quantum optics and nanooptics with atoms, molecules, and solid-state systems; optics of single excitations; quantum information; quantum enhanced sensing
12. Honours, awards, grants, fellowships, memberships in professional societies	1996	Dissertation Prize of Ludwig-Maximilians-University Munich
	2000	Junior researcher in the Emmy-Noether-Program of DFG
	1997	Lynen-Postdoc-Fellowship of Alexander von Humboldt-Foundation
	2001;	Declined offers for: C3-Professor at Univ. of Stuttgart; Full Professor at
	2006; 2006	Leeds University, UK; W3-Professor at Univ. of Osnabrück
	2009	Guest Professor at University of Vienna
	2012	APS Outstanding Referee Award
	2014	Visiting Prof. at UFPE, Brazil, Science without Borders Program member of DPG, OSA
	2017	Visiting Prof. at Univ. Kyoto, Japan, JSPS fellowship
	2019	Distinguished guest professor at UTS Sydney, Australia
	2020	Since 01.04.2020 Chairman of the Physikalische Gesellschaft zu Berlin

13. Organizational

Organization of the 604. Wilhelm und Else Heraeus-Seminar „Hybrid Systems for Quantum Optics“ Jan. 10.-13., 2016, Bad Honnef, Germany

Organization of the „3. International Workshop on Fundamentals of Light-Matter Interaction“, Oct. 05.-08., 2015, Recife, Brazil

Program Committee of the Optics of Excitons in Confined System (OECS15), Oct. 11.-16., 2015 Jerusalem, Israel

Member of Program Committee of OSA-Conference „Quantum Information & Measurement“, March 19.-21., 2012, Berlin

Organization of the WE-Heraeus-Seminar “Quantum Plasmonics”, October 17.-19., 2011, Bad Honnef, Germany

Organization of the Symposium “Semiconductor Nanophotonics Quantum Optics and Devices” at DPG Spring Meeting, March 18, 2011, Dresden

Organization of the „2. International Workshop on Fundamentals of Light-Matter Interaction“, Feb. 14.-16., 2011, Recife, Brazil

Organization of the Symposiums “Defect centers in diamond for applications in quantum optics and nanophotonics” at DPG-Spring Meeting, March 6, 2009, Hamburg

Organization of the “Symposium on Optical Metamaterials”, EUROMAT Sept. 7.-10, 2009, Glasgow, UK

Organization of the „International Workshop on Fundamentals of Light-Matter Interaction“, Oct. 20.-22., 2008, Recife, Brazil

Organization of the “Summerschool: Illumination, Imaging and Projection”, August 25.-29., 2008, Berlin-Adlershof

Organisation of the „International Workshop on Spin- and Optoelectronics“, Sept. 26.-29., 2007, Berlin-Adlershof

Local Conference Chair of the 69. DPG Spring Meeting, March 04.-09. 2005 (World Year of Physics 2005), Berlin

Organization of the Symposium “Photonic Crystals” of the DFG Focus Program SP1113, 07.03.05, Berlin

Organization of the 357. Wilhelm und Else Heraeus-Seminar „The Photon: Generation, Detection, and Application” Nov. 06.-09., 2005, Bad Honnef, Germany

14. Reviewing activities

since 2016

Member of the DFG expert council (Fachgutachterausschuss)

Adv. Mat, APL, Appl. Phys. A & B, Chem. Phys., IEEE, JOSA A & B, J. Appl. Phys A & B, J. Phys. Chem., Laser & Phot. Rev., Nano Lett., Nanotech., Nature, Nature Phot., Nature Phys., NJP, Opt. Comm., Opt. Expr., Opt. Lett., Phys. Rev. A & B, PRL, Rev. Sci. Instr., Rep. Progr. Phys.

DFG, AvH, Zeiss-Stiftung, EU, NSF, GIF, SFI, SRC

15. Miscellanea

Founding PI of the Integrated Research Center of the Sciences (IRIS), Adlershof

Founding PI of the DFG Graduate School of Analytical Sciences Adlershof (SALSA)

Member of the strategic scientific advisory board of Humboldt-University

Member of the committee “professionalization of women in science & teaching (ProFiL) of the Berlin universities and the Univ. of Potsdam

Designated president of the Physikalische Gesellschaft zu Berlin

Publications

>200 Peer reviewed journals (Scopus: 41; Google Scholar: 49): 6 patents