

Curriculum Vitae

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Career

- 10/95–11/99 Study of physics, University of Ulm, Germany
- 11/99–11/00 **Dipl. Phys.** (Master), Abteilung für Quantenphysik, Universität Ulm, Germany
Title: Entangled wave packets and cavity quantum electrodynamics (Advisor: Prof. Dr. W.P. Schleich)
- 11/00–07/04 Scientific employee, Abteilung für Quantenphysik, Universität Ulm, Germany
- 07/04 **Dr. rer. nat** (PhD)
Title: Manifestations of mechanical effects of light in atom optics (Advisor: Prof. Dr. W.P. Schleich)
- 09/04–12/06 Postdoctoral “Feodor-Lynen” research fellowship of the Alexander-von-Humboldt Foundation, Instituto de Ciencias Físicas, Universidad Nacional Autónoma de México, Mexico (Host: Prof. Dr. T.H. Seligman)
Research topics: Quantum chaos, atom optics
- 02/07–09/09 Scientific employee, Carl Zeiss SMT AG, Germany
Scientific focus: Lithographic imaging in the extreme ultra violet regime
- 10/09– Research associate, Universität des Saarlandes, Germany.
Research topics: Cooling of atoms and ions, quantum-optomechanics

Teaching Experience

Repeatedly: Tutor of seminars for standard lectures (classical mechanics, electrodynamics, quantum mechanics, thermodynamics and statistics).

Organisation of seminars and tutorials of standard lectures (electrodynamics)

Lectures on quantum mechanics, quantum optics and laser cooling.

Memberships

German Physical Society (DPG)

Alexander-von-Humboldt Foundation