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Professional Experience

2014–present	Assistant Professor at the University of Alabama, Tuscaloosa, AL.
2011–2014	Postdoc at University of Washington, Seattle, WA.
2009–2011	Postdoc at Princeton University, Princeton, NJ.
2008–2009	Postdoc at the Instituto de Fisica Teórica UAM/CSIC Madrid.
2008–present	Referee for Physical Review Letters, Physical Review D, JHEP, and the European Physical Journal.
2005–2008	Research as PhD student at Max-Planck-Institut für Physik, München.

Degrees & Education

2008	Degree ‘Dr. rer. nat.’, summa cum laude in physics received from Ludwig-Maximilians-Universität München, Germany Thesis: <i>Holographic quark gluon plasma with flavor</i> (supervised by Dr. Johanna Erdmenger).
2005-2008	PhD student at Max-Planck-Institut für Physik and at Ludwig-Maximilians-Universität in München, Germany. Theoretical research: <i>Applications of the AdS/CFT correspondence.</i>
2005	Degree ‘Diplom Physiker’ (highest possible grade “sehr gut”) from Bayerische Julius-Maximilians-Universität Würzburg, Germany Thesis: <i>Collider phenomenology: Production of polarized vector bosons in the noncommutative standard model</i> (supervised by Prof. Dr. R. Rückl and Prof. Dr. T. Ohl).
2003–2005	Diploma student and teaching assistant at Bayerische Julius-Maximilians-Universität Würzburg, Germany. Theoretical research: <i>Collider phenomenology beyond the standard model.</i>
2003	Degree ‘Master of Science’ in physics from the University of New Mexico, Albuquerque, NM, USA. <i>Experimental and theoretical research in condensed matter physics</i> (with Prof. Dr. R. V. Duncan, and Prof. Dr. C. Moore, respectively).
2002–2003	DAAD fellowship: teaching assistant and graduate student in Master program at the University of New Mexico (UNM), Albuquerque, NM, USA.

Experimental research: Low-temperature physics of condensed matter systems for the *Measurement of spin-lattice relaxation time in new materials*.

Theoretical research: Computational Physics studies of *Ising ferromagnets and antiferromagnets* employing Monte Carlo algorithms, transfer matrix and other statistical methods.

- 2001–2002 Graduate student at the Bayerische Julius-Maximilians-Universität Würzburg.
Minor subjects: Astronomy, Computational Physics.
- 2001 Intermediate degree ‘Vordiplom’.
- 1999–2001 Undergraduate studies at Bayerische Julius-Maximilians-Universität Würzburg, Germany.
Minor subject: Chemistry.
- 1997–1999 Officer in German Army (last military rank: “Leutnant”).
- 1997 Trainee at the Computer Center of DESY, Hamburg, Germany (3 months).
- 1997 German ‘Abitur’ (grade: 1.7) at secondary school ‘Gymnasium Walsrode’ at Walsrode, Germany.
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Honors and Awards

- 2009–2011 DFG Research Fellowship “Forschungsstipendium”.
- 2008 Arnold Sommerfeld PhD Prize.
- 2008 Arnold-Sommerfeld-Center Graduate School of the LMU München completed successfully.
- 2008 International Max Planck Research School (IMPRS) of the Max-Planck-Institut für Physik (Werner-Heisenberg-Institut) completed successfully.
- 2002-2003 DAAD Exchange Student Fellowship.
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Computing Experienced with JAVA, Mathematica, FORM, familiar with FORTRAN, C, Python and Maple.

Languages German (native), English (fluent), Spanish (fluent).

Memberships

- 2010–present American Physical Society (APS).
- 2005–present Deutsche Physikalische Gesellschaft (DPG).
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Tuscaloosa, AL, September 27, 2015