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**Personal data**

Professor (W3)
2 daughters (born 1998 and 2001)

University degree

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| 1983 – 1988 | Diploma in Physics, University of Dortmund and University of Heidelberg, Prof. Dr. U. Haeberlen |
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Academic qualification

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| 1998 | Habilitation in Theoretical Physics, University of Mainz. Mentors: K. Binder and R. Schilling. Title: Dynamics of glass-forming systems on the microscopic level |
| 1991 | PhD in Physics, University of Heidelberg. Mentors: U. Haeberlen and H. Horner. Title: Low temperature dynamics for the translational and rotational tunneling |

Professional career after graduation

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| Since 2010 | Professor W3, Theory of Complex Systems, Westfälische Wilhelms-Universität Münster |
| 2010 | Call to the University of Bielefeld (Chair for Theoretical Physics) |
| 1999 – 2010 | Universitätsprofessor C3, Theoretical Physical Chemistry, Westfälische Wilhelms-Universität Münster |
| 1998 – 1999 | Permanent member of the scientific staff of the Max Planck Institute for Polymer Research, Mainz |
| 1993 – 1998 | Project leader at the Max Planck Institute for Polymer Research, Mainz |
| 1992 – 1993 | Postdoctoral fellow at MIT, USA |

Other**Scientific Awards, Appointments and Professional Recognition**

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| 2014 - 2016 | Dean of the Faculty of Chemistry and Pharmacy |
| 2012 – 2014 | Speaker of the board of the Center of Nonlinear Science (CeNoS) at the Westfälische Wilhelms-Universität Münster |
| 2014 | Student's award for excellent teaching |
| 1992 – 1993 | Feodor-Lynen Fellow |
| 1983 – 1988 | Member of the „Studienstiftung des deutschen Volkes“ |
| 1980, 1981 | First prize in the „Bundeswettbewerb Mathematik“ |

Member: Deutsche Physikalische Gesellschaft (DPG), Bunsengesellschaft, Gesellschaft Deutscher Chemiker (GDCh), Studienstiftung des Deutschen Volkes

Selected publications

1. O. Buller, H. Wang, W. Wang, L.F. Chi, A. Heuer, Boundary-induced nucleation control: A theoretical perspective, *Phys. Chem. Chem. Phys.*, 20, 3752-3760 (2018).
2. W. Tewes, O. Buller, A. Heuer, U. Thiele, S.V. Gurevich, Comparing Kinetic Monte Carlo and thin-film modeling of transversal instabilities of ridges on patterned substrates, *J. Chem. Phys.* 146, 094704 (2017).
3. M. Biedermann, A. Heuer, Exploring the free energy gain of phase separation via Markov State Modeling, *J. Chem. Phys.* 147, 034107 (2017).
4. V. Lesch, H. Montes-Campos, T. Méndez-Morales, L.J. Gallego, A. Heuer, C. Schröder, L. M. Varela, Molecular dynamics analysis of the effect of electronic polarization on the structure and single-particle dynamics of mixtures of ionic liquids and lithium salts *J. Chem. Phys.* 145, 204507 (2016).
5. P.K. Jana, C. Wang, R.L. Jack, L. Chi, A. Heuer, Anomalous approach to thermodynamic equilibrium: structure formation of molecules after vapor deposition, *Phys Rev E* 92, 052402 (2015).
6. M. Böckmann, T. Schemme, D. H. de Jong, C. Denz, A. Heuer, N. L. Doltsinis, Structure of P3HT crystals, thin films, and solutions by UV/Vis spectral analysis; *Phys. Chem. Chem. Phys.* 17, 28616 (2015).
7. C. Honisch, T.-S. Lin, A. Heuer, U. Thiele, and S. V. Gurevich, Instabilities of layers of deposited molecules on chemically stripe patterned substrates: Ridges vs. drops *Langmuir* 31, 10618 (2015).
8. C. Wang, P. K. Jana, H. Zhang, Z. Mu, G. Kehr, T. Blömker, G. Erker, H. Fuchs, A. Heuer, L. Chi, Controlling two-phase self-assembly of an adenine derivative on HOPG via kinetic effects, *Chem. Commun.* 50, 9192 (2014).
9. S. Hopp, R. Ganapathy, S. Gerbode, A. Heuer, and I. Cohan, Entropy driven crystal formation on highly strained substrates, *PNAS* 110, 9301 (2013).
10. C. F. E. Schroer and A. Heuer, Anomalous diffusion of driven particles in supercooled liquids, *Phys. Rev. Lett.* 110, 067801 (2013).