

Curriculum Vitae

Personal Data:

Name: Burkhard Dünweg
Born: Sep 4, 1961, Rüsselsheim, Germany
Nationality: German

School Education:

1967 – 1971 Murnau elementary school
1971 – 1980 Murnau high school

Academic Career:

Fall 80 – Fall 82 Studies of “general physics”, Technical University Munich
Fall 82 Pre-diplom examination (“with distinction”)
Fall 82 – Fall 84 Studies of physics, University of Mainz
Fall 84 – Jan 87 Work on Diploma thesis in Professor Binder’s group (“Statistical mechanics of a model for order–disorder transitions of a bcc binary alloy”)
Feb 87 Diploma (“with distinction”)
Feb 87 – Mar 91 Work on Ph.D. thesis in the same group (“Molecular Dynamics investigations on the dynamics of polymer chains in dilute solution”)
Mar 91 Ph.D. defense, theoretical physics (“summa cum laude”)
Dec 00 “Habilitation” in theoretical physics at University of Mainz; title of thesis: “Computer simulation studies of phase transitions and critical phenomena”
Jan 08 Appointment as “Extraordinary Professor” in theoretical physics at University of Mainz

Professional Career:

Spring 85 – Spring 87	Teaching assistant, physics institute, University of Mainz
May 87 – May 91	Work on Ph.D. thesis funded by a project of “Deutsche Forschungsgemeinschaft” (DFG)
Jun 91 – Aug 93	PDRA, Center for Simulational Physics, University of Georgia, Athens (USA), supported by Humboldt Foundation, and US NSF
Jun 92 – Jul 92	Guest scientist at supercomputer center in Jülich, Germany
Nov 93 – Apr 96	“Scientific Assistant” at department of Physics, University of Mainz
Jun 94 – Dec 01	Member of the DFG Collaborative Research Center (CRC) 262 on glasses
Since May 96	Permanent senior scientist at the Max Planck Institute for Polymer Research, Mainz, department “Theory of polymer systems”
Jul 02 – Jun 13	Member of the DFG CRC TRR 6 on colloids
Apr 04 – Mar 13	Associate editor, Physical Review E, polymer physics / computational physics
Apr 05 – Sep 05	Interim professorship at Saarbrücken University
Jul 09 – Sep 09	Short-term professorship at Monash University (Melbourne), Department of Chemical Engineering, funded by DAAD
Oct 10 – Oct 16	Part-time professor (level E) at Monash University (Melbourne), Department of Chemical Engineering (three months per year)
Since Nov 10	Director of the CECAM Node “Statistical Mechanics and Soft Matter”
Since Jul 13	Elected Ombudsperson of the MPI for Polymer Research Mainz
Apr 14 – Aug 15	Interim professorship at Technical University Darmstadt
Since Oct 14	Member of the DFG CRC TRR 146 on multiscale simulations
Since Jan 17	Adjunct Professor, Monash University (Melbourne), Department of Chemical Engineering

Scholarships / Fellowships:

Fall 80 – Fall 85	Scholarship according to the Bavarian Gifted Student Support Act
Spring 81 – Spring 86	Scholarship by “Studienstiftung des deutschen Volkes”
Apr 86 – Sep 86	Honor scholarship by University of Mainz
Jun 1991 – Aug 93	Feodor Lynen fellowship by the Alexander von Humboldt Foundation

Award:

July 1st, 1992	Award by University of Mainz for excellent Ph.D. thesis
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