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PERSONAL INFORMATION

Date of birth October 3rd 1960
Place of birth Schweinfurt, Germany
Citizenship German

EDUCATION

1992 **Dr.-Ing.** (Ph.D.), Friedrich-Alexander-Universität Erlangen-Nürnberg
1987 **Diplom** (M.Sc.) in Computer Science
Friedrich-Alexander-Universität Erlangen-Nürnberg

APPOINTMENTS

2022 - present **Division Head "Application support"**
Forschungszentrum Jülich GmbH, Jülich Supercomputing Centre
2007 - 2022 **Deputy Division Head "Application support"**
Forschungszentrum Jülich GmbH, Jülich Supercomputing Centre
2000 - present **Team Lead "Parallel Performance"**
Forschungszentrum Jülich GmbH, Jülich Supercomputing Centre
Summer 2001 **Visiting Researcher**
IBM T.J. Watson Research Center, Yorktown Heights, NY
Summer 1997 **Visiting Researcher**
Advanced Computing Laboratory
Los Alamos National Laboratory
1996 - present **Senior Scientist**
Forschungszentrum Jülich
Jülich Supercomputing Centre
1993 - 1995 **Research Associate**
University of Oregon, Eugene
Department of Information and Computer Science
1987 - 1992 **Research Assistant**
Institut für Mathematische Maschinen und Datenverarbeitung
Friedrich-Alexander-Universität Erlangen-Nürnberg

HONORS AND AWARDS

2016	ITEA Award of Excellence category 'Business impact' (EU ITEA2 H4H project)
2010	ITEA2 Achievement Award in Gold (EU ITEA2 ParMA project)
09.2009	Paper in Outstanding Papers Session at EuroPVM/MPI Conference, Espoo, Finland
06.2008	International Supercomputing Conference Award, Dresden, Germany
08.2006	Distinguished Paper Award, Euro-Par Conference, Dresden, Germany

PROFESSIONAL ACTIVITIES

2022 - 2025	Executive Committee, ACM SIGHPC
2020 - 2021	Executive Director SC21, SC conference series
2018	Steering Committee Chair, SC conference series
2015 - 2017	General Chair SC17, SC conference series
2015 - 2022	Work Package Leader, EU H2020 Centre of Excellence POP
2013 - 2016	Work Package Leader, EU FP7 Project Mont-Blanc-2
2013	Conference Co-chair, Euro-Par 2013 conference (together with Prof. Felix Wolf)
2011 - 2019	Steering Committee Member, SC conference series
2010 - 2015	Work Package Leader, European Exascale Software Initiative (EESI)
2011 - 2012	Coordinator, EU-Russia FP7 Project HOPSA
2009 - 2012	Topic Leader "Performance", International Exascale Software Project (IESP)
2007	Main organizer, ParCo 2007 conference
2006	General chair, EuroPVM/MPI 2006 conference
2006 - present	Co-leader of the Scalasca project (together with Prof. Felix Wolf)

SELECTED PUBLICATIONS

- M. Asch + 38 authors: Big Data and Extreme-scale Computing: Pathways to Convergence – Toward a Shaping Strategy for a Future Software and Data Ecosystem for Scientific Inquiry. *The International Journal of High Performance Computing Applications*, 32(4), 435–479, 2018, [doi:10.1177/1094342018778123]
- D. Brömmel, W. Frings, B. J. N. Wylie, B. Mohr, P. Gibbon, T. Lippert: The High-Q Club: Experience with Extreme-scaling Application Codes. *Supercomputing Frontiers and Innovations*, 5(1), 59–78, 2018, [doi:10.14529/jsfi180104]
- P.-T. Bremer, B. Mohr, V. Pascucci, M. Schulz, T. Gamblin, H. Brunst: Connecting Performance Analysis and Visualization to Advance Extreme Scale Computing (Dagstuhl Perspectives Workshop 14022). Wadern/Saarbrücken, Germany : Schloss Dagstuhl – Leibniz-Zentrum für Informatik GmbH, Dagstuhl Manifestos 5/1, 2015 [doi:10.4230/DagMan.5.1.1]
- B. Mohr: Scalable Parallel Performance Measurement and Analysis Tools – State-of-the-Art and Future Challenges. *International Journal Supercomputing Frontiers and Innovations*, 1(2):108–123, 2014, [doi:10.14529/jsfi140207]
- J. Dongarra + 64 authors: The International Exascale Software Project Roadmap. *International Journal of High Performance Computing Applications*, 25 (2011) 1, 3–60, January 2011, [doi:10.1177/1094342010391989]