

Curriculum Vitae Hans-Georg Beyer

PERSONAL INFORMATION

Family name, First name: Beyer, Hans-Georg
Researcher unique identifier(s): ORCID ID: [0000-0002-7455-8686](https://orcid.org/0000-0002-7455-8686),
Scopus Author ID: [7102235652](https://scopus.com/authid/detail.url?authorID=7102235652)
Date of birth: May 31, 1959
Nationality: German
URL of web site: <http://evolutionary-computation.com>

EDUCATION

1997 Habilitation, Department of Computer Sciences, University of Dortmund, Germany
1989 Dissertation (Dr. rer. nat.), Bauhaus University Weimar, Germany
1982 Diploma, Theoretical Electrical Engineering, Technical University of Ilmenau, Germany

CURRENT POSITION

2025 – Research Professor in the state of retirement

PREVIOUS POSITIONS

2004 – 2025 Research Professor, Research Center Business Informatics, Vorarlberg University of Applied Sciences, Dornbirn, Austria
2003 – 2004 Professor of Computer Science, Dept. of Computer Science XI, University of Dortmund, Germany
1997 – 2003 Senior Research Scientist with own research group, Dept. of Computer Science XI, University of Dortmund, Germany
1993 – 1997 Senior Research Scientist, Dept. of Computer Science XI, University of Dortmund, Germany
1990 – 1992 Senior Research Scientist, Dept. of Electrical Engineering, Darmstadt University of Technology, Germany
1990 Lecturer for Electrical Engineering, University of Applied Sciences Karlsruhe, Germany
1984 – 1989 Research Assistant and Postdoc at the Physics Dept. and the Computer Science Dept., Bauhaus-University Weimar, Germany
1982 – 1984 R&D Engineer for Power-Semiconductors, Reliability Physics Department, VEB Gleichrichterwerk Stahnsdorf, Germany

FELLOWSHIPS AND AWARDS

2011 Recognition of Service Award, Association for Computing Machinery (ACM)
2006 Best Session Presentation Award, IEEE World Congress on Computational Intelligence
2005 Recognition of Service Award, ACM
2003 Best Paper Award, Genetic and Evolutionary Computation Conference (GECCO), ACM
1997 – 2002 Heisenberg Fellow of the German Research Foundation (DFG)
1993 – 1996 Research grant of the German Research Foundation (DFG) for preparing the Habilitation

RESEARCH AREA AND INTERESTS

- Evolutionary Computation (focus on Evolution Strategies): theory and application
- Computational Intelligence and Soft Computing (neural networks, fuzzy systems)
- Optimization techniques (in general)

PUBLICATION SUMMARY

- 1 monograph
- 10 peer-reviewed book chapters
- 57 peer-reviewed journal papers
- 82 peer-reviewed conference papers
- 8 edited proceedings and Dagstuhl seminar reports
- 4 patents
- 1 online encyclopaedia article (Scholarpedia, peer-reviewed)

Citation indices (as of Nov. 30, 2025)

<http://scholar.google.com/citations?user=WHjIHV4AAAAJ>

	All	Since 2020
Citations	15314	4564
h-index	44	22
i10-index	108	44

TEACHING ACTIVITIES (last three years)

- Evolutionary computation (Computer Science MSc)
- Neural networks (Computer Science MSc)
- Introduction into probability theory (Electrical Engineering BSc)
- Statistics for Electrical Engineers (BSc)
- Introduction into electromagnetic field theory (Electrical Engineering BSc)
- Introduction into computational intelligence, neural networks and fuzzy systems (Mechatronics Engineering BSc)

POSTGRADUATE SUPERVISIONS

Time period	PhD Student, Place of graduation, and <i>Current Position</i>
1995 – 1999	A. Irfan Oyman, Dept. of Computer Science XI, University of Dortmund, Germany <i>Current Position:</i> –
1998 – 2001	Dirk V. Arnold, Dept. of Computer Science XI, University of Dortmund, Germany <i>Current Position:</i> Professor of Computer Science, Dalhousie University, Halifax (CA)
2003 – 2007	Silja Meyer-Nieberg, Dept. of Computer Science XI, University of Dortmund, <i>Current Position:</i> Postdoctoral Scientist (Habilitation completed), Bundeswehr University Munich, Germany
2006 – 2010	Steffen Finck, Institute of Applied and Experimental Mechanics, University of Stuttgart <i>Current Position:</i> Lecturer and Senior Researcher, Vorarlberg University of Applied Sciences, Dornbirn, Austria
2007 – 2009	Alexander Melkozerov, Tomsk State University, Russia <i>Current Position:</i> Researcher, Dept. Television and Control, Tomsk State University, Russia
2011 – 2016	Michael Hellwig, Institute of Theoretical Computer Science, Ulm University, Germany <i>Current Position:</i> Head Josef Ressel Center for Robust Decisions, Vorarlberg University of Applied Sciences, Austria
2016 – 2019	Patrick Spettel, Institute of Theoretical Computer Science, Ulm University, Germany <i>Current Position:</i> Leica Geosystems, Heerbrugg, Switzerland
2021 – 2025	Amir Omeradzic, Institute of Theoretical Computer Science, Ulm University, Germany <i>Current Position:</i> Julius Blum GmbH, Dornbirn, Austria
2021 –	Lisa Schöenberger, Institute of Theoretical Computer Science, Ulm University, Germany <i>Current Position:</i> PhD Student, Vorarlberg University of Applied Sciences, Austria

SERVICES FOR THE SCIENTIFIC COMMUNITY

- Editor-in-Chief of Evolutionary Computation (MIT-Press), 2010–2016, (*elected by the Editorial Board*)
- Associate Editor IEEE Transactions on Evolutionary Computation, 1997–2021),
- Member of editorial boards of 4 journals,
- Member of the advisory board of Springer's Natural Computing Series

- Member of program committees of more than 100 international conferences
- Reviewer for more than 20 journals in the fields of CS, mathematics (OR), and physics
- Reviewer for several science funding organizations

ORGANISATION OF SCIENTIFIC MEETINGS

- General Chair of *Foundations of Genetic Algorithms (FOGA XI)*, ACM, Schwarzenberg, Austria, 2011
- EiC, *Genetic and Evolutionary Computation Conference (GECCO'2005)*, ACM, Washington DC, 2005
- Program chair and co-editor of GECCO'2000 (Las Vegas), GECCO'2003 (Chicago), GECCO'2004 (Seattle), GECCO'2007 (London, UK), and GECCO'2009 (Montreal)
- Co-organizer and co-founder of the Dagstuhl seminar series *Theory of Evolutionary Algorithms*, Seminars No. 00071 (2000), No. 02031 (2002), and No. 04081 (2004), IBFI Schloss Dagstuhl, Germany
- Co-organizer of 22 other scientific meetings between 2000 and 2024 (conferences and workshops)

FUNDING SINCE 2005

Period	Project Title	Funding Source & ID	Funding Amount
2005 – 2009	“Evaluation of Evolutionary and Other Direct Search Methods in the Presence of Noise”	FWF ¹ : P19069-N18	193 K €
2008 – 2013	“Dynamic Portfolio Selection under Multi-Period Risk Constraints: Analysis and Solution Strategies”	FWF: L532-N18	350 K €
2011 – 2015	“Direct search methods under noise II: Analysis and Design”	FWF: P22649-N23	320 K €
2016 – 2019	“Evolution Strategies for Constrained Optimization”	FWF: P29651-N32	320 K €
2021 – 2025	“Evolutionary Global Optimization”	FWF: P33702-N	352 K €

¹FWF - Austrian Research Fund