Curriculum Vitae, Bernhard Schölkopf

July 2023

Personal

Born February 20, 1968, Stuttgart, Germany;

married to the Spanish illustrator Ana Martín Larrañaga, three children

Professional

since 7/2023	Scientific Director of the ELLIS Institute Tübingen
since 2011	Director at the Max Planck Institute for Intelligent Systems
since 2019	Affiliated Full Professor, ETH Zürich
2017 – 2023	Amazon Distinguished Scientist / VP (part-time)
2001 – 2010	Director at the Max Planck Institute for Biological Cybernetics
2000 – 2001	Group leader at the biotech startup Biowulf Technologies, New York
1999 – 2000	Researcher at Microsoft Research, Cambridge, UK
1997 – 1999	Researcher at GMD (German National Research Center for Computer Science), Berlin

Education

1997	PhD in Computer Science (TU Berlin) — *summa cum laude*
1994	Diplom in Physics, University of Tübingen (Germany) — *Grade: 1*
1992	M. Sc. in Mathematics, University of London — *with distinction*
1988 – 1994	Studies of Physics, Mathematics and Philosophy in Tübingen and London

Honors

2023	Asteroid (53839) Schölkopf $= 2000\,\mathrm{EY}_{197}$	*https://minorplanetcenter.net/db_search/*
2023	ACM AAAI Allen Newell Award	
2022	Thomas Mann Honorary Fellowship	
2022	Honorary doctorate, School of Informatics, Aristotle University of Thessaloniki	
2020	BBVA Frontiers of Knowledge Award (with Isabelle Guyon and Vladimir Vapnik)	
2020	Marsilius Medal, University of Heidelberg	
2019	Körber European Science Prize	
2019	Member, Heidelberg Academy of Sciences and Humanities	
2019	Fellow, Canadian Institute for Advanced Research (CIFAR)	
2019	Hector Science Award	

2018	Annual State Research Award, Baden-Württemberg
2018	Gottfried Wilhelm Leibniz Prize
2018	Causality in Statistics Education Award, American Statistical Association (with Dominik Janzing & Jonas Peters), for the monograph *Elements of Causal Inference*
2017	Fellow, Association for Computing Machinery (ACM)
2016	Member, Leopoldina (German National Academy of Sciences)
2015	Overseas Visiting Scholar, St John's College, Cambridge
2014	Royal Society Milner Award, London
2013	XXVIIIth Courant Lectures, New York University
2012	Academy Prize, Berlin-Brandenburg Academy of Sciences and Humanities
2011	Max Planck Research Award of the Alexander-von-Humboldt-Stiftung (with Sebastian Thrun)
2011	Posner Lecture, Neural Information Processing Systems Conference
2011	Annual Brain Computer Interfacing Research Award (with Moritz Grosse-Wentrup)
2010	Inclusion in the list of ISI Highly Cited Researchers (Category: Engineering)
2006	J. K. Aggarwal Prize of the International Association for Pattern Recognition (IAPR)
2001	Scientific member of the Max Planck Society
1998	Annual dissertation prize of the German Society for Computer Science (GI)
1992	Lionel Cooper Memorial Prize of the University of London
1992 – 1997	Studienstiftung des deutschen Volkes
1987	Abitur, Eduard-Spranger-Gymnasium, top of the year, Prize for Mathematics and Sciences

Lab members have won awards at most major conferences in the field (COLT 2003, NIPS 2004, COLT 2005, COLT 2006, ICML 2006, ALT 2007, DAGM 2008, CVPR 2008, ISMB 2008, NIPS 2008, NIPS 2009, UAI 2010, IROS 2012, NIPS 2013, IROS 2014, ECML 2016, ICML 2017, ICML 2019, R:SS 2021, ICML 2022)

Academic Service

European Laboratory for Learning and Intelligent Systems (ELLIS) — *president*

Board member of the Neural Information Processing Systems Foundation and (formerly) of the International Machine Learning Society. Until 2019, Advisory Committee chair of the *Neural Computation and Adaptive Perception* program (funded by the Canadian Institute for Advanced Research; this was instrumental in creating the current field of "deep learning").

Journal of Machine Learning Research — *co-founding action editor, later member of the advisory board, and co-editor-in-chief for eight years; this has become the flagship journal of machine learning*

Journal of Artificial Intelligence Research (2003 – 2006)

IEEE Transactions on Pattern Analysis and Machine Intelligence (2005 – 2009), International Journal of Computer Vision (2004 – 2010) — *the two flagship journals of computer vision*

Information Science and Statistics — *a monograph series published by Springer*

Machine Learning Journal (until 2002)

Foundations and Trends in Machine Learning

SIAM Journal on Imaging Sciences (2007 – 2012)

ACM Books

Co-founder of an ongoing series of summer schools on Machine Learning (www.mlss.cc)

Program (co-)chair of COLT'03, DAGM'04, NIPS'05; general chair of NIPS'06; co-chair of CLeaR'22

Invited Presentations at Conferences (Selection)

American Association for Artificial Intelligence, *Madison, Wisconsin, USA (1998)*, Meeting of the Bernoulli Society, *Tokio (2000)*, Interface, *Orange County (2001)*, Neural Information Processing Systems, *Vancouver (2001)*, European Conf. on Machine Learning & European Conf. on Principles and Practice of Knowledge Discovery in Databases, *Helsinki (2002)*, International Conf. on Artificial Neural Networks, *Madrid (2002)*, International Statistical Institute, *Berlin (2003)*, Effective Computational Geometry, *ENS, Paris (2004)*, Mathematics and Image Analysis, *Paris (2004)*, International School "Eduardo R. Caianiello," *Erice (2005)*, International Conf. on Pattern Recognition, *Hong Kong (2006)*, International Conf. on Machine Learning, *Corvallis, OR (2007)*, International Conf. on Artificial Neural Networks, *Porto (2007)*, European Signal Processing Conf., *Lausanne (2008)*, Methods for Mining Massive Data, *Copenhagen (2009)* Techkriti, *IIT Kanpur (2010)*, IPMU, *Dortmund (2010)*, Information Hiding Conference, *Prague (2011)*, Pattern Recognition in Neuroimaging, *London (2012)*, Maximum Entropy Conference, *Munich (2012)*, International Conference on Data Mining, *Brussels (2012)*, Regularization, Optimization and Kernels, *Leuven (2013)*, Mathematical and Statistical Aspects of Molecular Biology, *Sheffield (2014)*, Annual Meeting of the Max Planck Earth System Research Partnership, *Weimar (2014)*, International Symposium on Statistical Learning and Data Sciences, *London (2015)*, Drawing Causal Inference from Big Data, National Academy of Sciences, *Washington, D.C. (2015)*, IFAC SYSID, *Beijing (2015)*, Machine Learning for Signal Processing (MLSP), *Vietri sul Mare (2016)*, Conditional Independence Structures and Extremes, *Munich (2016)*, International Conference on Machine Learning (ICML), *Sydney (2017)*, Asian Conference on Machine Learning (ACML), *Seoul (2017)*, SIAM International Conference on Data Mining (SDM), *San Diego (2018)*, International Conference on Learning Representations (ICLR), *Vancouver (2018)*, Falling Walls Conference, *Berlin (2018)*, United Nations Workshop on Militarization of AI, *New York City (2019)*, Global Forum on AI, *Paris (2019)*, ICASSP, *Toronto/virtual (2021)*, G20 AI Summit, *Genova (2021)*, PAKDD, *virtual (2022)*, International Congress of Mathematicians, *virtual (2022)*, STARMUS, *Yerewan (2022)*, Deutsche Mathematiker Versammlung, *Berlin (2022)*

Invited Presentations at Universities and Research Institutes (Selection)

AT&T *(New Jersey)*, MIT *(Cambridge, USA)*, RIKEN *(Tokyo)*, DENKEN *(Tokyo)*, EPFL *(Lausanne, Switzerland)*, MPI for Computer Science *(Saarbrücken)*, MPI for Mathematics in the Sciences *(Leipzig)*, MPI for Biochemistry *(Martinsried)*, Daimler Benz Research *(Ulm)*, Siemens R&D *(Neuperlach)*, Australian National University *(Canberra)*, University of Sydney *(Australia)*, Royal Holloway University of London, Microsoft Research Redmond *(USA)* & Beijing *(China)*, National University of Singapore, Oxford University, Ecole Polytechnique, Université Jussieu, Université Orsay, Ecole Centrale *(Paris)*, KU Leuven, ETH *(Zürich)*, German Cancer Research Institute *(Heidelberg)*, TU Karlsruhe, Universität Göttingen, Cornell University *(Ithaca, NY)*, National Taiwan University *(Taipeh)*, Pao-Lu Hsu Lecture *(Beijing)*, Helmholtz Lecture, Humboldt-Universität *(Berlin)*, Google Research *(New York)*, IST Austria *(Vienna)*, Royal Society *(London)*, Babbage Seminar, University of Cambridge *(UK)*, Google DeepMind *(London)*, Microsoft Distinguished Research Lecture *(Cambridge, UK)*, Annual Oxford-Warwick Lectures in Statistics *(Oxford)*, Annual IST Austria & ÖAW Lecture *(Vienna)*