

Short Curriculum Vitae Dr. Barbara Hof

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ACADEMIC APPOINTMENTS

08/26-present	Senior Researcher. ERC-Project “Neworldata,” Charles University in Prague
08/26-present	Guest Lecturer. History of Computing. Department of Language and Information Sciences, Faculty of Arts, University of Lausanne
03/23-07/26	Postdoctoral Researcher. SNSF-Project “Towards Computational Historiographical Modeling,” Department of Language and Information Sciences, Faculty of Arts, University of Lausanne
08/25-02/26	Affiliated Researcher. Expert in selecting CERN archival documents for digitization. Geneva Graduate Institute
04/24-present	Book Reviews Editor. <i>Centaurus</i> , Journal of the European Society for the History of Science
10/22-12/26	Editor and Managing Editor. <i>On_Education</i> , Journal for Research and Debate
04/21-09/26	Guest Lecturer. History of Computing. Chair of Digital Cultures, Leuphana University Lüneburg, Germany
08/21-02/23	Postdoctoral Researcher. Chair of Vocational Education and Continuing Training, University of Zurich
09/14-02/23	Instructor. Institute of Education, University of Zurich
06/14-01/21	Research Assistant. Chair of Vocational Education, University of Zurich

DEGREE

2021	Dr. phil , Faculty of Arts & Social Sciences, University of Zurich, Switzerland Ph.D. thesis <i>Nuclear Education. Big Science and the Rising Demand for Technoscientific Expertise during the Cold War</i> , summa cum laude
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AWARDS

2025	IUPAP Early Career Prize in the History of Physics
2018	ISCHE Early Career Conference Paper Award in the History of Education

GRANTS

2026	Open Access Grant , SNSF No. 243837
2026	Scholar-In-Residence Grant , Deutsches Museum Munich
2024	SAGW Travel Grant , Conference Presentation in the UK
2023	Scholar-In-Residence Grant , Politecnico di Torino Italy
2023	IAEA Grant , Consultancy Meeting Nuclear Science & Diplomacy
2023	AIP Travel Grant , Conference Presentation in Denmark
2022	SAGW Travel Grant , Conference Presentation in the USA
2021	Copy Editing Grant , University of Zurich

2020	Copy Editing Grant , University of Zurich
2019	GRC Travel Grant , Archival Research in the USA
2018	GRC Travel Grant , Archival Research in the USA
2017	SAGW Travel Grant , Conference Presentation in Argentina
2016	GRC Travel Grant , Archival Research in the USA

FELLOWSHIPS

04-05/26	Scholar-in-Residence . Deutsches Museum Munich, Germany
04/25	Visiting Fellow . Lund Centre for the History of Knowledge, Sweden
03/25	Visiting Scholar . Department of the History of Science and Technology, Johns Hopkins University, United States
10/23	Guest Researcher . Department of Mechanical and Aerospace Engineering, Politecnico di Torino, Italy
02-07/21	Guest Researcher/Fellow . Centre for Digital Cultures Lüneburg, Germany
06/17	Guest Researcher . Institute of Education and Archives of Contemporary History Vienna, Austria

ACADEMIC EVENTS ORGANIZED — SINCE 2025

July 2026	Behrman, Hof, Mateos: Symposium Diversity, Geographies, and Possibilities in the Physical Sciences, ESHS/HSS Conference
March 2026	Hof, Piotrowski, Ramogida: Workshop Structure Interpretation, SNSF-Project
July 2025	Borelli, Hof, Tatarchenko: Symposium Computers in Motion, 27 th ICHST
Spring 2025	Hof & Silva Neto: Early Career Scholars Workshop Series , DHST <i>Released: https://www.chstm.org/perspectives/early-career-scholars-podcasts</i>
Jan 2025	Hof & Piotrowski: Workshop Interdisciplinary Modeling of Uncertainty and Crises, SNSF-Project

TEACHING — SINCE 2022

University of Lausanne, Switzerland:

Fall 26	MA Seminar Computing in Context (English)
Summer Semester 24	BA Seminar Digital Humanities Origins, Definitions, Developments (French)

Leuphana University Lüneburg, Germany:

Summer Semester 26	History of Computing: The Early Internet and Rise of Social Media (English)
Summer Semester 25	History of Computing: Epistemology of the Internet (English)
Summer Semester 24	History of Computing: Epistemology of the Personal Computer (English)
Summer Semester 23	Personal Computers, Hackers, Gamers, Early Network Communities (English)
Summer Semester 22	Personal Computer and the Emergence of Digital Cultures (English)

University of Zurich, Switzerland:

Fall Semester 22	MA Seminar Media in Vocational Education (in German)
Summer Semester 22	MA Seminar Technical Training and the Rhetorics of Progress (German) <i>Four student articles published (1-4 November 2022): https://entropie.ethz.ch/</i>

COLLABORATIONS

- 08/25-07/30 **International Researcher.** National Institutes of Science and Technology Program, *Science and Democracy*, Brazil
- 07/24-11/26 **Collaborator.** CNPq granted project *Diversity in Science and the History of Science*, Brazil
- 01/24-03/26 **Collaborator.** PRIN-PNRR 2022 *FusEUrope - European Cooperation in Nuclear Fusion Research: From History to Future Policy Design*, Italy
- 04/19-03/23 **Affiliated Researcher.** SNSF-Project *Education and the European Digital Agenda*, Switzerland

PEER REVIEWED PUBLICATIONS (*blind)

MONOGRAPH

- Forthcoming Barbara Hof. *Nuclear Training in Cold War Geopolitics: Coaching Atoms across Nations*. Science and Technology in International Affairs, Oxford University Press* [Open Access Grant SNSF No. 243837]

JOURNAL ARTICLES

- 2025 Barbara Hof. “Fusion Divided: What Prevented European Collaboration on Controlled Thermonuclear Fusion in 1958”. *The British Journal for the History of Science* 58, 2025: 483–501. doi:10.1017/S0007087425101088*
- Article spotlight by William Thomas: <https://www.aip.org/history/hof-cern-fusion>
- 2025 Barbara Hof, Grigoris Panoutsopoulos & Climério Silva Neto. “Competing for Collaboration on Particle Accelerators in the Multipolar Cold War World”. *Physics in Perspective* 27, 2025: 296–330. <https://doi.org/10.1007/s00016-025-00336-x>*
- 2024 Barbara Hof, Gerardo Ienna & Simone Turchetti. “The Protest That Never Was: Silencing Political Activism at CERN before and during the Vietnam War”. *Physics in Perspective* 26, 2024: 211–236. <https://doi.org/10.1007/s00016-024-00317-6>*
- 2024 Barbara Hof. “Science for All at CERN”. *Physics Today* 77 (5), 2024: 44–51. <https://doi.org/10.1063/pt.pxip.pgns>*
- 2021 Barbara Hof and Regula Bürgi. “The OECD as an Arena for Debate on the Future Uses of Computers in Schools”. Special Issue of *Globalisation, Societies and Education* 19(2), 2021: 154-166. <https://doi.org/10.1080/14767724.2021.1878015>*
- 2021 Barbara Hof. “The Turtle and the Mouse. How Constructivist Learning Theory Shaped Artificial Intelligence and Educational Technology in the 1960s”. *History of Education* 50(1), 2021: 93-111. <https://doi.org/10.1080/0046760X.2020.1826053>*
- 2021 Barbara Hof and Jan Muggenburg. “Human – Learning – Machines. Introduction to a Special Section on How Cybernetics and Constructivism Inspired new Forms of Learning”. *History of Education* 50(1), 2021: 89-92. <https://doi.org/10.1080/0046760X.2020.1803422>*
- 2018 Barbara Hof. “From Harvard via Moscow to West Berlin: Educational Technology, Programmed Instruction and the Commercialisation of Learning after 1957”. *History of Education* 47(4), 2018: 445-465. <https://doi.org/10.1080/0046760X.2017.1401125>*
- 2018 Barbara Hof. “The Cybernetic ‘General Model Theory’: Unifying Science or Epistemic Change?” *Perspectives on Science* 26(1), 2018: 76-96. https://doi.org/10.1162/POSC_a_00268*
- 2016 Barbara Hof. “Modelle: Ein implizites Vermächtnis der deutschen kybernetischen Pädagogik”. *IJHE* 6(1), 2016: 75-90*

BOOK CHAPTERS IN EDITED VOLUMES

- Forthcoming Barbara Hof and Climério Silva Neto. “Redrawing the Boundaries of Secrecy: The Anglo-Soviet Exchange in Fusion Science”. In *Wissenschaft und Politik. In Erinnerung an Christian Forstner (1975–2022)*, ed. Johannes-Geert Hagmann et al., xx-xx, Springer
- 2024 Barbara Hof. “Particles, Purity, Politics: Expanding International Exchange in High-Energy Physics during the Cold War”. In *Globalizing Physics: One Hundred Years of the International Union of Pure and Applied Physics*, ed. Roberto Lalli & Jaime Navarro, 192-208. Oxford University Press, 2024. <https://doi.org/10.1093/oso/9780198878681.003.0011>
- 2024 Barbara Hof. “Knowledge for Free? Why two US American ‘Mobile Radioisotope Training Laboratories’ Embarked on a World Tour in 1958”. In *Educational Internationalisms in the Global Cold War*, ed. Damiano Matasci and Raphaëlle Ruppen Coutaz, 89-104. Routledge, 2024. <https://doi.org/10.4324/9781003247814-8>
- 2024 Barbara Hof. “Theoretical Foundations and Historical Roots of the ‘Automated Classroom’”. In *World Yearbook of Education: Digitalization of Education in the Era of Algorithms, Automation, and Artificial Intelligence*, ed. Ben Williamson et al., 23-38. Routledge, 2024.
- 2023 Barbara Hof. “Defuturization Machines. The OECD’s Early Efforts to Plan the Computerized Future of Education”. In *How Computers Entered the Classroom, 1960-2000*, ed. Carmen Flury and Michael Geiss, 217-238. De Gruyter Oldenbourg, 2023. <https://doi.org/10.1515/9783110780147-010>
- 2018 Barbara Hof. “Der Bildungstechnologe”. In *Überschreitungslogiken und die Grenzen des Humanen*, ed. Martin Karcher & Sabrina Schenk, 27-51. Pedocs, 2018. <https://doi.org/10.25656/01:16105>
- 2026 Lucien Criblez and Barbara Hof. “Schweizer Mittelschulen und Hochschulen im Kontext gesellschaftlicher Dynamisierungen seit 1950”. In *Bildungsgeschichte: Systementwicklung im 19. und 20. Jahrhundert in der deutschsprachigen Schweiz*, ed. Ingrid Brühwiler et al., 247-274. Chronos [submitted 2018]

HANDBOOK ENTRIES

- 2026 Carmen Flury, Barbara Hof & Felicitas Macgilchrist. “From Mundane Reality to a Bright Future? Technopedagogical Visions of Computing and their Historical Configurations”. *Handbook of Science and Technology Studies in Education*, ed. Lesley Goulay et al. Palgrave 2026. https://doi.org/10.1007/978-981-92-1483-9_11
- 2024 Barbara Hof. “Science for Vietnam: Grassroots Activism in East-West Relations in the 1970s”. *The Palgrave Handbook of Non-State Actors in East-West Relations*, ed. Péter Marton et al., 555–563. Palgrave, 2024. doi.org/10.1007/978-3-031-40546-4_54

SPECIAL ISSUES

- 2024 Katie D. Good and Barbara Hof. “Towards Global and Local Histories of Educational Technologies: Introduction”. *Learning, Media and Technology*, 49(1), 2024: 1-7. DOI: 10.1080/17439884.2023.2250983
- 2023 Editorial Team. Epistemologies of Data. *On Education. Journal for Research and Debate*, 6/18, 2023. https://doi.org/10.17899/on_ed.2023.18.0

ESSAYS AND CONVERSATIONS

- 2025 Ksenia Tatarchenko, Barbara Hof & Arianna Borrelli. “‘The Computer in Motion’: Symposium Report from the 27th International Congress of History of Science and

- Technology (ICHST), *IEEE Annals of the History of Computing*, 47(4), 2025. 10.1109/MAHC.2025.3619738
- 2021 Barbara Hof. “Mais Qui est Donc le Monstre ? A Propos d’Agentivité et de Responsabilité dans la Relation entre l’Humain et la Machine”. *La prothèse qui fait peur, Cahiers du MIMMOC*, 26, 2021. <https://doi.org/10.4000/mimmoc.9597>
- 2021 Barbara Hof. “Kein Ende in Sicht. Bildung im Atomzeitalter in historischer und aktueller Perspektive”. *bildungsgeschichte.de* 2021. <https://doi.org/10.25658/zyax-0s70>
- 2020 Marcelo Caruso, Barbara Hof, Joakim Landahl, Lilli Riettiens & Eugenia Roldán Vera. “Perspectives on Transnational and Transatlantic Research in History of Education”. In *Transatlantic Encounters in History of Education: Translations and Trajectories from a German-American Perspective*, ed. by Fanny Isensee et al., 276-30. New York: Routledge 2020.
- 2020 Jona Garz & Barbara Hof. “From the Purgatory of Science”. *IJHE* 10(1), 2020: 82-85.
- 2018 Barbara Hof. “Three Arguments why Post- and Transhumanism Need to be Viewed from a long-term Historical Perspective”. *on_education* 1(2), 2018. https://doi.org/10.17899/on_ed.2018.2.9

EXPERT REPORTS

- 2026 Barbara Hof. “Report on the CERN Archives”. Geneva Graduate Institute, Center of Digital Humanities and Multilateralism
- 2014 Philipp Gonon & Barbara Hof. “Die berufliche Grundbildung an der Universität Zürich. Erhebung Juli-Oktober 2014”
- 2014 econcept & Philipp Gonon “Evaluation Berufsbildungsforschung SBFI. Schlussbericht. Im Auftrag des Staatssekretariats für Bildung, Forschung und Innovation SBFI”

CONTRIBUTIONS TO DIGITAL REPOSITORIES

- 2026 Barbara Hof, “Oral history interviews with former CERN staff members,” *American Institute of Physics* [Ølink]
- 2025 Barbara Hof, Gerardo Ienna & Fabio Lusito, “Fondo di Bruno Vitale,” [Ølink]

BOOK REVIEWS AND REVIEW ARTICLES

- 2025 Michael D. Gordin and W. Patrick McCray (Ed.), *Greedy Science: Creating Knowledge, Making Money, and Being Famous in the 1980s*. *British Journal for the History of Science*. doi:10.1017/S0007087425000536
- 2023 Carola Sachse, *Wissenschaft und Diplomatie: Die Max-Planck-Gesellschaft im Feld der internationalen Politik (1945–2000)*. *British Journal for the History of Science*. doi:10.1017/S0007087423000845
- 2023 Darren Wershler, Lori Emerson, and Jussi Parikka, *The Lab Book: Situated Practices in Media Studies*, Minnesota Press 2022. *Configurations*, 31(2), 2023: 188.
- 2023 Barbara Curli, “The Origins of Euratom’s Research on Controlled Thermonuclear Fusion: Cold War Politics and European Integration, 1958–1968.” *H-Diplo*. <https://hdiplo.org/to/AR1182>
- 2023 Cyrus Mody, *The Squares: US Physical and Engineering Scientists in the Long 1970s*, MIT Press 2022. *Technology and Culture*, 64(1), 2023: 266-7. 10.1353/tech.2023.0041
- 2023 Kevin Driscoll, *The Modem World: A Prehistory of Social Media*, Yale University Press 2022. *New Media & Society*. <https://doi.org/10.1177/14614448221151051>

- 2021 Alex Wellerstein, *Restricted Data: The History of Nuclear Secrecy in the United States*, University of Chicago Press 2021. *H-Soz-Kult*. <https://www.hsozkult.de/publicationreview/id/reb-97386>
- 2020 Katie D. Good, *Bring the World to the Child, Technologies of Global Citizenship in American Education*, MIT Press 2020. *H-Soz-Kult*. <https://www.hsozkult.de/publicationreview/id/reb-29622>
- 2019 “The Binary Semantics of the Cold War and the Figure of the Third.” Frank Reichherzer, Emmanuel Droit, Jan Hansen (Hrsg.), *Den Kalten Krieg vermessen, Über Reichweite und Alternativen einer binären Ordnungsvorstellung*, De Gruyter Oldenbourg 2018. *IJHE*, 9(1), 2019: 107-110.
- 2019 Joy Lisi Rankin, *A People’s History of Computing in the United States*, Harvard University Press 2018. *H-Soz-Kult*. <https://www.hsozkult.de/publicationreview/id/reb-27855>
- 2018 “Reflections on the Cultural Turn in Historical Writing.” Konrad Jarausch, Christian Ostermann, Andreas Etges (Eds.), *The Cold War, Historiography, Memory, Representation*, De Gruyter Oldenbourg 2017. *IJHE*, 8(2), 2018: 227-230.
- 2018 Jan Müggenburg, *Lebhaft Artefakte, Heinz von Foerster und die Maschinen des Biological Computer Laboratory*, Konstanz University Press 2017. *H-Soz-Kult*. <https://www.hsozkult.de/publicationreview/id/reb-26819>
- 2018 Brian Dear, *The Friendly Orange Glow, The Untold Story of the PLATO System and the Dawn of Cyberculture*, Pantheon Books 2017. *H-Soz-Kult*. <https://www.hsozkult.de/publicationreview/id/reb-26731>
- 2016 Christopher D. Hollings, *Scientific Communication Across the Iron Curtain*, Springer VS 2016. *H-Soz-Kult*. <https://www.hsozkult.de/publicationreview/id/reb-24852>
- 2016 David Glauser, *Berufsbildung oder Allgemeinbildung, Soziale Ungleichheit beim Übergang in die Sekundarstufe II in der Schweiz*, Springer VS 2015. *Erziehungswissenschaftliche Revue EWR*, 15(4), 2016. <https://www.klinkhardt.de/ewr/978365809095.html>
- 2016 Andreas Kaminski Andreas Gelhard (Hg.), *Zur Philosophie informeller Technisierung*, wbv Academic 2014. *Vierteljahresschrift für wissenschaftliche Pädagogik*, 1, 2016: 204-206.
- 2015 William Thomas, *Rational Action, The Sciences of Policy in Britain and America, 1940-1960*, MIT Press 2015, *H-Soz-Kult*. <https://www.hsozkult.de/publicationreview/id/reb-23610>
- 2015 Alfons Bora, Anna Henkel und Reinhard Carsten (Hg.), *Wissensregulierung und Regulierungswissen*, Weilerswist 2014. *H-Soz-Kult*. <https://www.hsozkult.de/publicationreview/id/reb-22725>
- 2015 Enno Aljets, *Der Aufstieg der empirischen Bildungsforschung, Ein Beitrag zur institutionalistischen Wissenssoziologie*, Springer VS 2015. *H-Soz-Kult*. <https://www.hsozkult.de/publicationreview/id/reb-22284>

INVITED TALKS — SINCE 2025

- July 2026 “Rethinking the connection between past and present dreams of the ‘automated classroom,’” *AI Ethics & Society Initiative*, Edinburgh, Scotland
- March 2026 “Why the Invention of the World Wide Web was no Coincidence: Scientific Culture and Technological Innovation at CERN, 1972-1991,” *Plenary Talk at the 89 Annual Conference of the German Physical Society*, Erlangen, Germany

- March 2026 “Creating JET, Fusing Europe?,” *Scientific and Technological Heritage of the Joint European Torus (JET) Research Scoping Workshop*, London, England
- Jan 2026 “Dissidente Technopolitik: Die solidarisch-praktische Wissensproduktion westlicher Basisbewegungen im Vietnamkrieg,” *Technikgeschichte über Mittag*, Online
- Dec 2025 “Pioneering Connectivity? Satellites, Cables, and the Politics of Digital Infrastructures in the 1980s,” *CLIMASAT project*, Barcelona, Spain
- Nov 2025 “The Vietnam War Controversy and Solidarity Research Networks in Europe,” *European Scientific Cooperation Workshop*, Utrecht, Netherlands
- Nov 2025 “Documenting International Physics: Open Science, Archival Regulation, and a New Digitization Initiative at CERN,” *Seminar of PATSTEC*, Paris, France
- Sept 2025 “Rethinking Europe from Below: Solidarity Research during the Vietnam War at CERN and Beyond,” *Workshop of the ESHS*, Manchester, England
- Aug 2025 “Fusion Incomplete? International Collaboration in Plasma Physics and Fusion Research, 1950s-1980s,” *Ceremony of the 2025 IUPAP Early Career Prize in History of Physics, Early-Career Conference for Historians of the Physical Sciences*, Salvador, Brazil
- June 2025 “Fusion Imperfect: Science, European Integration, and the Involvement of Two Chronic Outsiders (CH/UK), 1958-1983,” *Workshop FUSEUROPE*, Padua, Italy
- May 2025 “Formen, Netzwerke und Bedeutung des europäischen Wissenschaftsaktivismus während des Vietnamkrieges,” *Montagskolloquium Deutsches Museum*, Munich, Germany
- March 2025 “Data Sharing and Computational Modeling, 1970-1990,” *Workshop Bridging Histories: Literacy, Computer Sciences, and Mathematics*, Cambridge, England
- March 2025 “European Science Activism during the Vietnam War,” *STS + Medical Humanities Hub*, Baltimore, United States

CONFERENCE AND WORKSHOP PRESENTATIONS — SINCE 2025

- Oct 2026 [In prep]. “From Adam and Eva to the World Wide Web: A Short History of Data Collection and Sharing Practices in Physics,” *ICOHTECH*, Alexandroupolis, Greece
- Sept 2026 “Campaigners, Critics, Concerned Scientists: Bringing Global Perspectives to the History of Non-State Actors,” *Conference Science, Dissent, and Activism: How Non-State Actors Challenged the Cold War Order*, Prague, Czech Republic
- July 2026 “New perspectives on the history of the CERN laboratory: the 1980s,” *ESHS/HSS Conference*, Edinburgh, Scotland
- Oct 2025 “Data Sharing Through the Iron Curtain (and its Diplomatic Preconditions),” *SHOT Annual Meeting*, Luxemburg, Luxemburg
- July 2025 “Competing for Collaboration on Particle Accelerators: The American Jealousy Effect in the History of Physics,” *ICHST*, Dunedin, New Zealand
- July 2025 “Collecting Data, Sharing Data, Modeling Data: From Adam and Eve to the World Wide Web within Twenty Years,” *ICHST*, Dunedin, New Zealand
- Feb 2025 “A Parallel Universe in the University: The Vietnam War Controversy and Solidarity Research Networks in Europe,” with Loïc Jeanson, *Conference on History of Counter-University*, Copenhagen, Denmark

REFERENCES

Upon Request