

Stefano Horst Baruffaldi

Associate Professor — Polytechnic of Milan, School of Management

Senior Affiliated Researcher — Max Planck Institute for Innovation and Competition

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Appointments

2022–present Associate Professor, Polytechnic of Milan, School of Management, Milan, Italy.

2019–present Senior Affiliated Researcher, Max Planck Institute for Innovation & Competition, Munich, Germany.

2019–2022 Lecturer (Assistant Professor), University of Bath, School of Management — Strategy & Organisation, Centre for Research in Entrepreneurship and Innovation, Bath, UK.

2018 Visiting Professor, Imperial College London, UK.

2016–2019 Post-doctoral Researcher, Max Planck Institute for Innovation & Competition, Munich, Germany.

2015–2016 Young Economist / Policy Analyst, OECD, Science, Technology and Innovation (STI) Division, Paris, France — project “Innovation for Inclusive Growth”.

2010–2015 Research Assistant, École Polytechnique Fédérale de Lausanne (EPFL), Lausanne, Switzerland (advisor: Dominique Foray).

2007 Research Assistant, University of Coimbra, Portugal — FCT project on skilled immigration.

Education

2010–2015 Ph.D. in Economics and Management of Innovation, EPFL, Lausanne.
Thesis: *Three essays on the role of proximity in science and innovation* (advisor: Dominique Foray; committee: M. Feldman, K. Frenken, M. Gruber, C. Tucci).

2011–2012 Swiss Program for Beginning Doctoral Students in Economics, Gerzensee Study Center.

2007–2010 M.Sc. in Management, Economics and Industrial Engineering, Politecnico di Milano.

2004–2007 B.Sc. in Management and Production Engineering, Politecnico di Milano.

Publications — Peer-reviewed articles

Baruffaldi, S. & Gaessler, F. (2026). The returns to physical capital in knowledge production: Evidence from lab disasters. *American Economic Journal: Applied Economics*, 18(1), 248–285.

Baruffaldi, S. & Poege, F. (2025). Like stars: How firms learn at scientific conferences. *Management Science*, 71(3), 2056–2078.

Rose, M. E. & Baruffaldi, S. H. (2025). Finding Doppelgänger in Scopus: How to build scientists’ control groups using sosia. *Scientometrics*, 130(5), 3013–3028.

Baruffaldi, S., Simeth, M. & Wehrheim, D. (2024). Asymmetric information and R&D disclosure: Evidence from scientific publications. *Management Science*, 70(2), 1052–1069.

- Baruffaldi, S. H., Marino, M. & Visentin, F. (2020). Money to move: The effect on researchers of an international mobility grant. *Research Policy*, 49(8), 104077.
- Baruffaldi, S. H. & Simeth, M. (2020). Patents and knowledge diffusion: The effect of early disclosure. *Research Policy*, 49(4), 103927.
- Poege, F., Harhoff, D., Gaessler, F. & Baruffaldi, S. H. (2019). Science quality and the value of inventions. *Science Advances*, 5(12), eaay7323.
- Baruffaldi, S. H. & Raffo, J. (2017). The geography of duplicated inventions: Evidence from patent citations. *Regional Studies*, 1–14.
- Baruffaldi, S. H., Di Maio, G. & Landoni, P. (2017). Determinants of PhD holders' use of social networking sites: An analysis based on LinkedIn. *Research Policy*, 46(4), 740–750.
- Baruffaldi, S. H. & Landoni, P. (2016). Mobility intentions of foreign researchers: The role of non-economic motivations. *Industry and Innovation*, 23(1), 87–111.
- Baruffaldi, S. H., Visentin, F. & Conti, A. (2016). The productivity of science and engineering PhD students hired from supervisors' networks. *Research Policy*, 45(4), 785–796.
- Baruffaldi, S. H., Marino, M. & Parrotta, P. (2016). Self-employment, start-up incentives and political ideology. *Applied Economics Letters*, 23(4), 250–254.
- Baruffaldi, S. H. & Landoni, P. (2012). Return mobility and scientific productivity of researchers working abroad: The role of home country linkages. *Research Policy*, 41(9), 1655–1665.

Working papers

- Baruffaldi, S., Lawson, C. & Seitz, F. (2024). Research grant effects across funding modes and industry collaboration. *R&R, Research Policy*.
- Baruffaldi, S., Santoleri, P. & Shevtsova, Y. (2024). The impact of mobility grants on researchers. SSRN 5046563.
- Baruffaldi, S., Harhoff, D. & Liebender-Luc, A. (2024). Scientific paradigms, graphics processing units and the evolution of artificial intelligence.
- Rose, E. M., Rosendahl Huber, L. & Baruffaldi, S. H. (2023). Nobelwomen: Status and gender balance in science.
- Baruffaldi, S. H., Byrski, D. & Gaessler, F. (2020). Fire and mice: The effect of supply shocks on basic science.
- Bignone, F., Baruffaldi, S. & Salter, A. (2026). Profiting from science: Evidence from the valuation of AI startups.

Policy reports & conference proceedings

- Baruffaldi, S. H., van Beuzekom, B., Dernis, H., Harhoff, D., Rao, N., Rosenfeld, D. & Squicciarini, M. (2020). Identifying and measuring developments in artificial intelligence: Making the impossible possible. *OECD Science, Technology and Industry Working Papers*, No. 2020/05, OECD, Paris.
- Baruffaldi, S. H., Simeth, M. & Wehrheim, D. (2020). Financial markets and corporate science: Evidence from exogenous changes in analyst coverage. *Academy of Management Proceedings*, 2020(1), 14476.

- Baruffaldi, S. H., Byrski, D. & Gaessler, F. (2020). Fire and mice: The effect of supply shocks on basic science. *Academy of Management Proceedings*, 2020(1), 14405.
- Baruffaldi, S. H. & Poege, F. (2019). A firm scientific community. *Academy of Management Proceedings*, 2019(1), 15506.
- Baruffaldi, S. H., Marino, M. & Visentin, F. (2017). International mobility and research careers: Evidence from a mobility grant program. *Academy of Management Proceedings*, 2017(1), 12523.

Teaching

- 2022–present** **Economia e Organizzazione Aziendale** (Business Economics), B.Sc. Electrical Engineering, Politecnico di Milano — Lecturer.
- 2026** **Innovation Studies with Data Science**, Ph.D. seminar, Doctoral Programme in Management Engineering, Politecnico di Milano — Lecturer and coordinator (guest lecturers: A. Salter, M. Rose).
- 2024** **Economics of Science and Technology**, Ph.D. School, Politecnico di Milano — Lecturer and coordinator (guest: A. Salter).
- 2021–2025** **Intellectual Property** (online), M.Sc. Entrepreneurship and Management, University of Bath — full course development and online tutoring.
- 2019–2021** **Technology-based Entrepreneurship**, M.Sc. Entrepreneurship and Management, University of Bath — Lecturer (full course).
- 2019, 2021** **Econometrics**, Ph.D. course, University of Bath — linear regression and causal analysis.
- 2019–2021** **Entrepreneurship and Innovation**, B.Sc.(Hons) Accounting and Finance, University of Bath — innovation management, new venture finance.
- 2010–2014** Teaching Assistant, EPFL — Econometrics: Data Analysis & Empirical Methods; Information: Strategy and Economics; Corporate Strategy.

Grants & Awards

- 2023–2026** ESRC Research Grant (Co-Investigator), “Profiting from science: the development and valuation of AI new ventures and engagement with the science base” (ES/X003949/1; PI: A. Salter).
- 2018** Best-Paper Award, EPIP Conference.
- 2016–2017** Swiss National Science Foundation — Early Postdoc Mobility Fellowship (P2ELP1-161847).
- 2012–2014** CDM Best Teaching Assistant Award, EPFL.
- 2013–2014** Swiss National Science Foundation Research Grant (100010_149931/1).

Professional Service

- 2026–2028** Representative at large, Technology and Innovation Management (TIM) Division, Academy of Management.
- ongoing** Organizer, MInERS seminar series.

ongoing Editorial Review Board: *Organization Science*; *Industry and Innovation*.

Reviewer: Science; Management Science; Strategic Management Journal; Research Policy; Review of Economics and Statistics; Journal of Economic Growth; Journal of Management Studies; Strategy Science; Industrial and Corporate Change; Small Business Economics; Regional Studies; Scientometrics; Science and Public Policy; Higher Education; and others.

Software & Skills

Open source: [sosia](#) — control groups for scientists in Scopus.

Programming & tools: Python; Stata; SQL/MySQL; $\text{\LaTeX}$.

Languages

Italian (native) · English (fluent) · Portuguese (fluent) · French (fluent) · Spanish (advanced) · German (intermediate).

References

Available on request.