

PERSONAL INFORMATION

Alberto Baccini



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Date of birth 16 February 1965 | Nationality Italian

WORK EXPERIENCE

1 Oct 2006 – Present

Full Professor of Economics

Università di Siena
Dipartimento di Economia Politica e Statistica
Piazza San Francesco, 7 53100 Siena Italy

Courses taught:

- Quantitative studies of science (for M.sc students in statistics, from 2022)
- Economics (for law students, since 2006)
- Public policy evaluation (for M.sc students in economics and statistics)
- Economics and law (Ph.d in Law, 2008-2010)

1 Oct 2002 – 30 Sep 2006

Associate Professor of Economics

Università di Siena
Dipartimento di Economia Politica e Statistica
Piazza San Francesco, 7 53100 Siena Italy

- Chairman of BA degree in Law (2004-2006)

Courses taught:

- Economics (for law students)
- Economic analysis of law (for law students)

1 Oct 1999 – 30 Sep 2002

Assistant Professor of Economics

Università di Firenze
Facoltà di Legge (Faculty of Law), Dipartimento di Economia
Firenze Italy

1997 – 2002

Researcher

CIRIEC
International Center of Research and Information on the Public, Social and Cooperative Economy, Milan – Florence

Direction and coordination of more than 30 research projects mainly on labour and industrial economics funded by competitive programs of Regional authorities and European Union

1997 – 1998

Post-doc Researcher

Università di Firenze, Dipartimento di Economia

Research project: *Utility and probability: the British and French traditions at the end of XIXth Century*

1996

Post-doc Researcher

Université Paris IX Dauphine, Laboratoire LESOD, Paris - France
Grant: CNR

Research project: *Probability: the British and French traditions at the end of XIXth Century*

EDUCATION AND TRAINING

- 1992–1995 **PhD, History of economic thought** ISCED 6
Dipartimento di Economia, Università di Firenze, Italy
Thesis Title: “Francis Ysidro Edgeworth on the foundations of probabilities and of choice under uncertainty”, Supervisor: prof. Marco Dardi
- 1986-1990 **Laurea in Lettere, Economic history** ISCED 5
BA degree (4 years). Facoltà di Lettere, Università di Firenze, Italy
– History
– Economic history
– Economics and econometrics
– Philosophy of science
– Thesis: “Methods and models of quantitative economic history”, Supervisor: prof. Renato Giannetti

ACADEMIC AFFILIATION

- 2015-2018 **Member of the board of STOREP**
STOREP: Italian Association for the History of Political Economy.
<https://www.storep.org>
- 2012-2015 **President of STOREP**
STOREP: Italian Association for the History of Political Economy.
<https://www.storep.org>

FIELDS OF INTEREST

- Social studies of science and technology (ERC SH 3-13)
– Quantitative studies of science
– Bibliometrics
– Networks of journals
– Scientific productivity
- History of economic thought (ERC SH 6-13)
– Quantitative approach to the history of economics
– Probability, statistics and decision theory
– Francis Ysidro Edgeworth
- Public economics; political economics; law and economics (ERC SH1-13)
– Public policy evaluation
– Interlocking directorship regulation
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EDITORIAL SERVICES

- 2021-present Academic editor, PLOS ONE.
- 2013-2018 Editor in chief of *RT. A Journal on Research Policy and Evaluation*
<https://riviste.unimi.it/index.php/roars/index>.

- Referee for journals** Quantitative Studies of Science; Journal of Informetrics (JOI); Journal of the American Society for Information Science and Technology (JASIST); Scientometrics; PLOS ONE; PLOS Computational Biology; History of Political Economy (HOPE); the European Journal of the History of Economic Thought; Journal of the History of Economic Thought; Information Processing and Management; Journal of Data and Information Science (JDIS); Health Research Policy and Systems; Research Policy; Library and Information Science Research; Journal of Economic Surveys; African Journal of Business Management; Economia Politica; European Sociological Review; History of Economic Ideas; Imprese e Storia; Polis; Public Choice; Rivista Italiana degli Economisti; Statistical Methods and Applications
- Referee for publishers** Routledge; Il Mulino, Bologna; Giunti, Firenze; Edizioni Plus-Università di Pisa; Firenze university press, Edizioni Ca' Foscari

PROFESSIONAL SERVICES

- 2020-2021** Member of the Committee of the Italian National Scientific Habilitation to the role of professors for the field of "Economic Policy" (13/A2)
- 2018-2021** Member of the Evaluation Committee of the Università Statale di Milano
- 2013-2021** Member of the Evaluation Committee of the Università di Trento
- 2009-2015** President of the Evaluation Committee of the Università di Siena
- 2012** Coordinator of the evaluation of the strategic research in social science and humanities of the Università di Modena e Reggio Emilia
- 2006-2009** Member of the Evaluation Committee of the Università di Siena
- 2006-present** Referee for the evaluation of research projects (PRIN, etc.) for the Italian Ministry of the University and Research

FINANCED RESEARCH PROJECTS

- 2023-2025** Principal Investigator, *How economics is changing: A multilayer network analysis of the recent evolution of economics journals, between specialization and self-referentiality (1980-2020)*, Italian Ministry of University and Research - PRIN 2022, €231.608.
- 2020-2023** Principal Investigator, *Has economics finally become an immature science? Mapping economics at an epoch of fragmentation, by combining historical perspectives and new quantitative approaches*, Italian Ministry of University and Research - PRIN 2017, €402.594.
- 2019-2020** Principal Investigator, *How bibliometric indicators shapes science: the shadow networks of economic journals*, Institute for New Economic Thinking, New York, Grant ID INO19-00023.
- 2018-2019** Principal Investigator, *How bibliometric indicators shapes science*, Institute for New Economic Thinking, New York, Grant ID INO17-00015.
- 2010-2013** Principal Investigator, *Contracts, markets and competition in Britain: from Marshall and Edgeworth to Coase. The origins of the economic analysis of law*, Italian Ministry of University and Research - PRIN 2008.
- 2007** Principal Investigator, *Universities and human capital*, Fondazione Monte dei Paschi di Siena.

- 2007-2010 Unit coordinator, *Networks of collaboration, citations and control in economics*, Italian Ministry of University and Research - PRIN 2005.
- 1997-2005 Principal investigator or coordinator of applied research projects on behalf of: Bank of Italy; Banca Nazionale del Lavoro; Ciriec; Regione Friuli Venezia Giulia; Regione Toscana; Sviluppo Italia; private companies.

PUBLIC ENGAGEMENT

- 2011-present Founder and editor of <https://www.roars.it>, (*Returns On Academic Research and School*), a collective blog dedicated to issues of research policy and evaluation.
- 2011-present I regularly write articles for and I am interviewed about research policy and evaluation by national and international magazines and newspapers such as THE (Times Higher Education) LSE blog, Science, Research Europe, Il Mulino, IlSole24Ore, Il Mattino, Il SecoloXIX, IlFatto-Quotidiano; Millennium FQ; Left.

PERSONAL SKILLS

Mother tongue Italian

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
French	C2	C2	C1	C1	B2
English	B2	C1	B2	B2	C1

Levels: A1 and A2: Basic user – B1 and B2: Independent user – C1 and C2: Proficient user
[Common European Framework of Reference for Languages](#)

Computer skills – Microsoft Office, LaTeX
 – Statistical software: *R*.
 – Network analysis: *Pajek*, *Gephi*.

Driving licence B

SELECTED PUBLICATIONS

- [1] Alberto Baccini and Cristina Re. "Who are the Gatekeepers of Economics? Geographic Diversity, Gender Composition, and Interlocking Editorship of Journal Boards". In: *Review of Political Economy* (2024), pp. 1–28.
- [2] Alberto Baccini and Eugenio Petrovich. "A global exploratory comparison of country self-citations 1996-2019". In: *PLOS ONE* 18.12 (2023), e0294669.
- [3] Alberto Baccini, Federica Baccini, Lucio Barabesi, Martina Cioni, Eugenio Petrovich, and Daria Pignalosa. "Fine-grained classification of journal articles based on multiple layers of information through similarity network fusion: The case of the Cambridge Journal of Economics". In: *Scientometrics* 129.1 (2023), pp. 373–400.
- [4] Federica Baccini, Lucio Barabesi, Alberto Baccini, Mahdi Khelifaoui, and Yves Gingras. "Similarity network fusion for scholarly journals". In: *Journal of Informetrics* 16.1 (2022), p. 101226. URL: <https://doi.org/10.1016/j.joi.2021.101226>.
- [5] Alberto Baccini and Giuseppe De Nicolao. "Just an artifact? The concordance between peer review and bibliometrics in economics and statistics in the Italian research assessment exercise". In: *Quantitative Science Studies* (2021), pp. 1–18. URL: https://doi.org/10.1162/qss_a_00172.
- [6] Alberto Baccini and Eugenio Petrovich. "Normative versus strategic accounts of acknowledgment data: The case of the top-five journals of economics". In: *Scientometrics* (2021). URL: <https://doi.org/10.1007/s11192-021-04185-6>.

- [7] Alberto Baccini, Lucio Barabesi, and Giuseppe De Nicolao. "On the agreement between bibliometrics and peer review: Evidence from the Italian research assessment exercises". In: *PLOS ONE* 15.11 (2020), e0242520.
- [8] Alberto Baccini, Lucio Barabesi, Mahdi Khelifaoui, and Yves Gingras. "Intellectual and social similarity among scholarly journals: An exploratory comparison of the networks of editors, authors and co-citations". In: *Quantitative Science Studies* 1.1 (2020), pp. 277–289.
- [9] Alberto Baccini. "A Bibliometric Portrait of Contemporary History of Economic Thought". In: *New Perspectives on Political Economy and Its History*. Ed. by Maria Cristina Marcuzzo, Ghislain Deleplace, and Paolo Paesani. Cham: Springer International Publishing, 2020, pp. 39–62.
- [10] A. Baccini, G. De Nicolao, and Eugenio Petrovich. "Evaluating Italy's ranking boom". In: *Nature* 576 (2019), p. 213.
- [11] Alberto Baccini, Giuseppe De Nicolao, and Eugenio Petrovich. "Citation gaming induced by bibliometric evaluation: A country-level comparative analysis". In: *PLOS ONE* 14.9 (2019), e0221212.
- [12] Alberto Baccini and Giuseppe De Nicolao. "A letter on Ancaiani et al. 'Evaluating scientific research in Italy: the 2004-10 research evaluation exercise'". In: *Research Evaluation* 26.4 (2017), pp. 353–357.
- [13] Alberto Baccini and Giuseppe De Nicolao. "Errors and secret data in the Italian research assessment exercise. A comment to a reply". In: *RT. A Journal on Research Policy and Evaluation* 5.1 (2017).
- [14] Roberto Todeschini and Alberto Baccini. *Handbook of Bibliometric Indicators. Quantitative Tools for Studying and Evaluating Research*. Weinheim (Germany): Wiley-VCH, 2016.
- [15] Alberto Baccini and Giuseppe De Nicolao. "Reply to the comment of Bertocchi et al". In: *Scientometrics* 108.3 (2016), pp. 1675–1684.
- [16] Alberto Baccini and Giuseppe De Nicolao. "Do they agree? Bibliometric evaluation versus informed peer review in the Italian research assessment exercise". In: *Scientometrics* 108.3 (2016), pp. 1651–1671.
- [17] Alberto Baccini. "Uncertainty and information". In: *Handbook of the History of Economic Analysis. Vol. iii Developments in Major Fields of Economics*. Ed. by Gilbert Faccarello and Heinz D. Kurz. Vol. III. Cheltenham: Edward Elgar, 2016. Chap. 39, pp. 563–575.
- [18] A. Baccini. "Napoléon et l'évaluation bibliométrique de la recherche. Considérations sur la réforme de l'université et sur l'action de l'agence nationale d'évaluation en Italie." In: *Canadian Journal of Information and Library Science-Revue Canadienne des Sciences de l'Information et de Bibliothéconomie* 40.1 (2016), pp. 37–57.
- [19] Alberto Baccini and Leonardo Marroni. "Regulation of interlocking directorates in the financial sector: a comparative case study". In: *European Journal of Law and Economics* 41.2 (2016), pp. 431–457.
- [20] A. Baccini. "La VQR ed oltre. Riflessioni sulla possibilità di valutare credibilmente la ricerca in Italia". In: *Evoluzione e valutazione della ricerca giuridica*. Ed. by Giuseppe Conte. Napoli: Edizioni Scientifiche Italiane, 2016.
- [21] Alberto Baccini, Lucio Barabesi, and Luisa Stracqualursi. "Random variate generation and connected computational issues for the Poisson–Tweedie distribution". In: *Computational Statistics* (2015), pp. 1–20.
- [22] A. Baccini and Lucio Barabesi. "Gatekeepers of economics: the network of editorial boards in economic journals". In: *The Economics of Economists*. Ed. by A. Lanteri and J. Vromen. Cambridge: Cambridge University Press, 2014, pp. 104–150.
- [23] A. Baccini, L. Barabesi, M. Cioni, and C. Pisani. "Crossing the hurdle: the determinants of individual scientific performance". In: *Scientometrics* 101 (2014), pp. 2035–2062.

- [24] A. Baccini, F. Coin, and G. Sirilli. "Costi e benefici della valutazione della ricerca e della didattica". In: *Paradoxa* VII.2 (2013), pp. 49–61.
- [25] A. Baccini, L. Barabesi, M. Marcheselli, and L. Pratelli. "Statistical inference on the h-index with an application to top-scientist performance". In: *Journal of Informetrics* 6.4 (2012), pp. 721–728.
- [26] Luca Pratelli, Alberto Baccini, Lucio Barabesi, and Marzia Marcheselli. "Statistical Analysis of the Hirsch Index". In: *Scandinavian Journal of Statistics* 39.4 (2012), pp. 681–694.
- [27] Alberto Baccini. "Francis Ysidro Edgeworth on the Regularity of Law and the Impartiality of Chance". In: *A History of Irish Economic Thought*. Ed. by T. Boylan, R. Prendergast, and J. Turner. London: Routledge, 2011, pp. 233–248.
- [28] Alberto Baccini and Lucio Barabesi. "Interlocking Editorship. A Network Analysis of the Links Between Economic Journals". In: *Scientometrics* 82.2 (2010), pp. 365–389.
- [29] A. Baccini. *Valutare la ricerca scientifica. Uso e abuso degli strumenti bibliometrici*. Bologna: Il Mulino, 2010.
- [30] A. Baccini and M. Cioni. "Is technological change really skill-based? Evidence from the introduction of ICT on the Italian textile industry (1980-2000)". In: *New Technology, Work and Employment* 25.1 (2010), pp. 80–93.
- [31] Alberto Baccini, Lucio Barabesi, and Marzia Marcheselli. "How Are Statistical Journal Linked? A network Analysis". In: *Chance* 22.3 (2009), pp. 34–43.
- [32] A. Baccini. "Italian economic journals. A network-based ranking and an exploratory analysis of their influence on setting international professional standards". In: *Rivista Italiana degli Economisti* 14.3 (2009), pp. 491–511.
- [33] M. Marcheselli, A. Baccini, and L. Barabesi. "Parameter Estimation for the Discrete Stable Family". In: *Communications in Statistics. Theory and Methods* 37.6 (2008), pp. 815–830.
- [34] Alberto Baccini. "F. Y. Edgeworth's Treatise on Probabilities". In: *History of Political Economy* 41.1 (2009), pp. 143–162.
- [35] Alberto Baccini. "Edgeworth on the Foundations of Ethics and Probability". In: *European Journal of the History of Economic Thought* 14.1 (2007), pp. 79–96.
- [36] Alberto Baccini, Leonardo Bargigli, Martina Cioni, and Michelangelo Vasta. "A caccia di informazioni accurate sui 'fantasmi'. Una proposta per l'analisi del fabbisogno professionale e formativo. (With English summary.)" In: *Economia Pubblica* 37.5-6 (2007), pp. 115–141.
- [37] Alberto Baccini and M. Cioni. "L'impact du changement technologique sur le district textile de Prato (1980-2000)". In: *Les territoires de l'industrie en Europe (1750-2000)*. Ed. by Jean Claude Daumas, Pierre Lamard, and Laurent Tissot. Besançon: Presses Universitaires de Besançon, 2007, pp. 401–421.
- [38] Alberto Baccini. "Marshall and His Contemporaries: Francis Ysidro Edgeworth". In: *The Elgar Companion to Alfred Marshall*. Ed. by Tiziano Raffaelli, Giacomo Becattini, and Marco Dardi. Elgar Original Reference series. Cheltenham, U.K. and Northampton, Mass.: Elgar, 2006, pp. 578–582.
- [39] Alberto Baccini. "High Pressure and Black Clouds: Keynes and the Frequentist Theory of Probability". In: *Cambridge Journal of Economics* 28.5 (2004), pp. 653–666.
- [40] Alberto Baccini. "A bibliography of Edgeworth's writings". In: *F.Y Edgeworth's Mathematical Psychics and Further Papers on Political Economy*. Ed. by Peter Newman. Oxford: Oxford University Press, 2003, pp. 601–625.
- [41] Alberto Baccini and Warren J. Samuels. "Toward a Bibliography of Edgeworth's Writings". In: *Documents on modern history of economic thought*. Research in the History of Economic Thought, Methodology, vol. 21-C. Amsterdam; London, and New York: Elsevier Science, JAI, 2003, pp. 271–301.

- [42] A. Baccini. *Artigiancassa: Da Istituto di Credito Speciale a Banca per le Imprese Artigiane 1953-2001*. Collana storica del gruppo BNL. Atti e Documenti. BNL Edizioni Giunti Gruppo editoriale, 2002, pp. 7–101.
- [43] Alberto Baccini. “Frequentist Probability and Choice under Uncertainty”. In: *History of Political Economy* 33.4 (2001), pp. 743–772.
- [44] A. Baccini. “Edgeworth on the Fundamentals of Choice under Uncertainty”. In: *History of Economic Ideas* 5.2 (1997), pp. 27–51.
- [45] A. Baccini and R. Giannetti. *Cliometria*. Nuevos Instrumentos Universitarios. Barcelona, Spain: Critica, 1997.
- [46] A. Baccini. “L’industria elettrica bergamasca tra la fine dell’Ottocento e la nazionalizzazione”. In: *Storia Economica e Sociale di Bergamo. Fra Ottocento e Novecento. Il Decollo Industriale*. Ed. by V. Zamagni and S. Zaninelli. Vol. 5. Bergamo: Fondazione per la Storia Economica e Sociale di Bergamo, 1997, pp. 271–317.
- [47] Michelangelo Vasta and Alberto Baccini. “Banks and Industry in Italy, 1911-36: New Evidence Using the Interlocking Directorates Technique”. In: *Financial History Review* 4.2 (1997), pp. 139–159.
- [48] Alberto Baccini and Michelangelo Vasta. “Una tecnica ritrovata: Interlocking Directorates nei rapporti tra banca e industria in Italia (1911-36). (A Technique Rediscovered: Interlocking Directorates in the Relation between Banks and Industry in Italy (1911-36). With English summary.)” In: *Rivista di Storia Economica, N.S.* 12.2 (1995), pp. 219–251.
- [49] A. Baccini. “Microstoria e organizzazione industriale: il caso MagneTek”. In: *Rivista di Politica Economica* 85.5 (1995), pp. 43–92.
- [50] A. Baccini. “Sulle ricostruzioni del bilancio dello Stato italiano, con particolare riferimento agli anni 1918-1939”. In: *Problemi di finanza pubblica tra le due guerre*. Ed. by A. Baccini, D. Fausto, G. Felicetti, A. Ripa di Meana, G. Salvemini, and V. Zamagni. Bari: Laterza, 1993, pp. 241–287.
- [51] A. Baccini. “La storia e i modelli dell’economia: il caso dei processi path-dependent”. In: *Annali della Fondazione Luigi Einaudi* XXIV (1992), pp. 85–117.
- [52] A. Baccini. “Cliometria: narrazione, alchimia o scienza?” In: *Annali della Fondazione Luigi Einaudi* XXV (1991), pp. 213–237.
- [53] A. Baccini. “Tradizioni di ricerca della cliometria”. In: *Una e divisibile*. Ed. by Ester Fano. Firenze: Ponte alle Grazie, 1991, pp. 99–130.