

Carlo Ciccarelli

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Current position: Full professor of economic history

Affiliation: Department of Economics and Finance, University of Rome Tor Vergata; Research Associate at the CAGE Research Center University of Warwick (2023-).

Previous positions

2019-2023: associate professor, University of Rome Tor Vergata

2014-2018: assistant professor (confirmed), University of Rome Tor Vergata

2010-2013: assistant professor, University of Rome Tor Vergata

2005-2010: consultant for the Bank of Italy; main research project: “Italian unification and uneven development” (in collaboration with S. Fenoaltea)

Education

Ph.D. in Economics, University of Rome Tor Vergata, 2003. (Visiting PhD student: University of Maryland, 2002; Yale University, 2001).

Master in Economics, “Coripe Piemonte”, A/A (*scholarship student*), 1998

M.Sc. in Economics, University of Rome La Sapienza, 110/110 *cum laude*, 1997

Books

1. *La produzione industriale delle regioni d'Italia, 1861-1913: una ricostruzione quantitativa. 2. Le industrie estrattivo-manifatturiere* (with S. Fenoaltea), pp. 677 (Roma: Banca d'Italia, 2014)
2. *La produzione industriale delle regioni d'Italia, 1861-1913: una ricostruzione quantitativa. 1. Le industrie non manifatturiere* (with S. Fenoaltea), pp. LVIII, 499 (Roma: Banca d'Italia, 2009)
Data and text (in italian) available at <https://www.bancaditalia.it/statistiche/tematiche/stat-storiche/stat-storiche-economia/produzione-industriale-1861-1913/index.html>; a review at: [eh.net](#))

Articles

44. “Smithian growth in the little divergence: a general equilibrium analysis” (2025), *Explorations in Economic History*, with D. Chilosi, 97, July 2025, available at <https://doi.org/10.1016/j.eeh.2025.101682>.
43. “Napoleonic Administrative Reforms and Development in the Italian Mezzogiorno” (2025), *Journal of Economic History*, with G. Cainelli and R. Ganau, forthcoming.
42. “The effects of Italy’s unification on its dual development: a synthetic control approach (2025), *European Review of Economic History*, with G. Barone, D. Chilosi, G. de Blasio, forthcoming, doi: 10.1093/ereh/heaf001.
41. “Sicilian Sulphur and Mafia: Resources, Working Conditions and the Practice of Violence”, with A. Dalmazzo and T. Razzolini (2024), *Cliometrica*, 18, pp. 531-565 (<https://link.springer.com/article/10.1007/s11698-023-00272-1>).
40. “The impact of history on regional development”, with T. Dall Schmidt (2023), *Review of Regional research*, 42, pp. 219-225 (<https://doi.org/10.1007/s10037-023-00178-5>).
39. “Evolving gaps: Occupational structure in southern and northern Italy, 1400–1861, with D. Chilosi (2022),

- Economic History Review*, 75, 4, pp. 1349-1378 (<https://doi.org/10.1111/ehr.13159>).
38. "The legacy of literacy: evidence from Italian regions, with R. Basile e Groote, P. (2022), *Regional Studies*, 56, 5, pp. 794-807 (<https://doi.org/10.1080/00343404.2021.1926960>)
 37. "Literacy in the Italian census of 1911: disaggregating the data", with B. A'Hearn, *Rivista di Storia Economica*, 2021, 38, 1, pp. 63-90, data at <https://data.mendeley.com/datasets/cwzybbh852/1>.
 36. "Home Sweet Home: the Effect of Sugar Protectionism on Emigration in Italy, 1876-1913" (2021), with A. Dalmazzo and D. Vuri, *Papers in Regional Science*, 100, 4, pp. 925-957, available at <http://doi.org/10.1111/pirs.12604>.
 35. "Effects of Passive Smoking on Prenatal and Infant Development" (2021), with G. De Fraja and D. Vuri, *Economics and Human Biology*, 42 <https://doi.org/10.1016/j.ehb.2021.101002>.
 34. "Early Development of Italian Railways and Industrial Growth: A Regional Analysis" (2021), (with C. Magazzino, E. Marcucci), *Research in Transportation Economics*, 88, <https://doi.org/10.1016/j.retrec.2020.100916>.
 33. "How Hard Is It to Maximise Profit? Evidence from a 19th Century Italian State Monopoly", (with G. De Fraja, Silvia Tiezzi), *Oxford Economic Papers*, 2021, 73, 2, pp. 879-902, <https://doi.org/10.1093/oep/gpz076>, blog PRO-MARKET, Stigler Center at the University of Chicago Booth School of Business [blog PRO-MARKET](#).
 32. "Special Issue on Literacy and Development: Editors' Notes", with G. Cappelli *Rivista di Storia Economica*, 2021, 38, 1, pp. 3-5, <https://www.rivisteweb.it/doi/10.1410/100647>.
 31. "The History of Rail Transport", con A. Giuntini e P. Groote (2021), in R. Vickerman, R. B. Noland, D. Ettema (eds), *International Encyclopedia of Transportation. Volume 5. Transport Modes*, Amsterdam: Elsevier, pp. 413-426.
 30. "Italy's History of Education: Towards an Interdisciplinary Approach", con G. Cappelli, *Rivista di storia economica*, 2020, 37, 2, pp. 127-137, <https://www.rivisteweb.it/doi/10.1410/100136>.
 29. "Istruzione e sviluppo. Nuovi strumenti di analisi", *Annali di storia dell'educazione e delle istituzioni scolastiche*, 2020, 27, pp. 268-276.
 28. "Pioneering into the Past: Regional Literacy Developments in Italy Before Italy", (with J. Weisdorf), *European Review of Economic History*, 2019, 23, 3, pp. 329-364, paper available at <https://doi.org/10.1093/ereh/hey014>
 27. "The fall and rise of business cycle co-movements in Imperial Austria's regions," (con A. Missiaia), *The Annals of Regional Science*, 2018, 60, 1, pp.171-193. (<https://doi.org/10.1007/s00168-017-0850-5>).
 26. "The spread of railroads in Italian provinces: a GIS approach," (con P. Groote), *Scienze Regionali - Italian Journal of Regional Science*, 2018, 17, 2, pp. 189-224. (GIS data at <https://data.mendeley.com/datasets/rjwccjgy7z/1>).
 25. "What Can we Learn about Smoking from 150 Years of Italian Data?" , con (S. Tiezzi and P. Pierani), *Applied Economic Perspectives and Policy*, 2018, 40, 4, pp. 695-717.
 24. "The location of the Italian manufacturing industry, 1871-1911: a sectoral analysis", (con R. Basile), *Journal of Economic Geography*, 2018, 18, 3, pp. 627-661. (<https://doi.org/10.1093/jeg/lbx033>).
 23. "A dynamic spatial econometric diffusion model with common factors: the rise and spread of cigarette consumption in Italy", (con P. Elhorst), *Regional Science and Urban Economics*, 2018, 72, pp. 131-142, paper available at (<https://doi.org/10.1016/j.regsciurbeco.2017.07.003>).
 22. "Railway Endowment in Italy's Provinces, 1839-1913", (con P. Groote), *Rivista di Storia Economica*, 33, 1, 2017, pp. 45-88(doi: 10.1410/86763).
 21. "Regional growth with spatial dependence: a case study on early Italian industrialization", (con S. Fachin), *Papers in Regional Science*, 2017, 96, 4, pp. 675-695, (<http://dx.doi.org/10.1111/pirs.12217>).
 20. "Industry, Sectors, Regions: The State of Play on Italy's Historical Statistics", *Scienze Regionali. Italian Journal of Regional Science*, 2015, 14, 3, pp. 73-90.
 19. "Technical change, non-tariff barriers, and the development of the Italian locomotive industry, 1850-1913" (con A. Nuvolari), *Journal of Economic History*, 2015, 75, 3, pp. 860-888.
 18. "The Demand for Tobacco in Post-Unification Italy" (con G. De Fraja), *Cliometrica*, 2014, 8, 2, pp. 145-171.
 17. "The non-metallic mineral products industries in Italy, 1861-1913: National and regional time series" (con S. Fenoaltea), *Rivista di Storia Economica*, 2013, 29, 3, pp. 267-318.
 16. "The industrial labor force of Italy's provinces: estimates from the population censuses, 1871-1911" (con A. Missiaia), *Rivista di Storia Economica*, 2013, 29, 2, pp. 141-192.

15. "Patterns of industrial specialisation in post-Unification Italy" (con T. Proietti), *Scandinavian Economic History Review*, 2013, 61, 3, pp. 259-286.
14. Through The Magnifying Glass: Provincial Aspects Of Industrial Growth In Post-Unification Italy" (with S. Fenoaltea), *Economic History Review*, 2013, 66, 1, pp. 57-85
13. "The Consumption of Tobacco in Italy: National and Regional Estimates, 1871-1913", *Rivista di storia economica*, 2012, 28, 3, pp. 409-452
12. "La Cliometria e l'Unificazione Italiana: bollettino dal fronte" (with S. Fenoaltea), *Meridiana*, 2012, 73-74, pp. 258-266.
11. "The rail-guided vehicles industry in italy, 1861-1913: the burden of the evidence" (with S. Fenoaltea), *Research in Economic History*, 2012, 28 pp. 43-116
10. "L'industria e l'economia nelle province dell'Italia liberale: tra storia e geografia" (with S. Fenoaltea), *Semestrale di Studi e Ricerche di Geografia*, 2011, XXIII, no. 2, pp. 31-46.
9. "The effects of unification: markets, policy and cyclical convergence in Italy, 1861-1913" (with S. Fenoaltea and T. Proietti), *Cliometrica*, 2010, 4, 3 pp. 269-292.
8. "Metalmaking in Italy, 1861-1913: National and Regional Time Series" (with S. Fenoaltea), *Rivista di storia economica*, 26, 1, 2010, pp. 121-153.
7. "Shipbulding in Italy, 1861-1913: the Burden of the Evidence" (with S. Fenoaltea), *Historical Social Research*, 34, 2, 2009, pp. 333-373
6. "Construction in Italy's Regions, 1861-1913" (con S. Fenoaltea), *Rivista di storia economica*, 24, 3, 2008, pp. 303-340
5. "The Growth of the Utilities Industries in Italy's Regions, 1861-1913" (with S. Fenoaltea), *Rivista di storia economica*, 24, 2, 2008, pp. 175-205
4. "Social-Overhead Construction in Italy's Regions, 1861-1913" (with S. Fenoaltea), *Research in Economic History*, 26, 2008, pp. 1-80
3. "The Chemical, Coal and Petroleum Products, and Rubber Industries in Italy's Regions, 1861-1913: Time Series Estimates" (with S. Fenoaltea), *Rivista di storia economica*, 24, 1, 2008, pp. 3-58
2. "Business Fluctuations in Italy, 1861-1913: The New Evidence" (con S. Fenoaltea), *Explorations in Economic History*, 44, 3, 2007, pp. 432-451
1. "Mining Production in Italy, 1861-1913: National and Regional Time Series" (with S. Fenoaltea), *Rivista di storia economica*, 22, 2, 2006, pp. 141-208

Book review

1. Paul Caruana Galizia, *Mediterranean labor markets in the first age of globalization: an economic history of real wages and market integration*, Basingstoke: Palgrave Macmillan, 2015, Review by Carlo Ciccarelli, *Economic History Review*, 69, 1, pp. 395-396.
2. J. R. Rosés, Nikolaus Wolf , *The Economic Development of Europe's Regions. A quantitative history since 1900*: Routledge, 2018, Review by Carlo Ciccarelli (2020), *Regional Studies*, 54, 3, p. 440.

Work in progress

1. "Railway and the European Fertility Transition", with J. Fenske, J. Martì-Henneberg, CAGE wp 686, October 2023, under review.
2. "Conquering Nature: how the Gotthard-Tunnel changed European Trade", with N. Wolf (presented at the EHES 2023 Vienna, ASE 2024 Turin; accepted at WEHC Lund 2025)
3. "Women's education and fertility at the onset of the demographic transition", with G. Marciante, presented at EHS 2023.
4. "Notes on the rate of regional industrial growth in Italy, 1861-1913", with B. A'Hearn, S. Fachin, T. Proietti.

Selected presentations (2019-2025)

University of Southern Denmark, March 2025; Bergamo University, December 2024; ARISE - December 2024, Brescia; Manchester University, November 2024; October 2024, Rome Tor Vergata: October 2024 Palermo; EN-CHOS VI Programme, Paris, September 2024; 2nd Rome Economic History Workshop, Sapienza University, September 2024; PRIN workshop Bocconi 2024 June; EHS 2024, Newcastle, April 2024; Siena, April 2024; Bolzano 2nd Workshop on Historical Economics - February 2024; DEF Economic History Workshop, Tor Vergata University, September 2023; Humboldt University - Berlin, June 2023; Bocconi University - Milan, May 2023; GSSI - L'Aquila, May 2023; EHS 2023 - Coventry April 2023; ASE - Pisa, Sept 2022; La Sapienza University - Rome, Sept 2022; EHES - Groningen, June 2022; EHS - Cambridge, 2022; Internal seminars (Tor Vergata University - Rome, 2022, 2021, 2020); La Sapienza University - Rome, 2021; Università Politecnica delle Marche - Ancona, 2021; Bocconi University - Milan, 2020; University of Padua, 2019; LSE - London, 2019; University of Groningen, 2019; AISRe - L'Aquila, 2019; EHES - Paris, 2019; University of Naples, 2019.

Teaching (selected courses)

1. European Economic History, MSc, Tor Vergata (2021-).
2. Storia Economica, Undergraduate, in italiano, Tor Vergata (2012-)
3. Economia applicata, Undergraduate, in italiano, Tor Vergata, (2019-)
4. Applied economics, Undergraduate (2017-2018)

Administration (Tor Vergata University)

1. Coordinator MSc European Economy and Business Law (2022-),
2. Serve on PhD in Economics and Finance Board (2017-)
3. Serve on Orientation and Mentoring Committee (2013-2021)

Additional information

GUEST EDITOR: *European Review of Economic History* 2025; *Review of Regional Research* 2022; *Rivista di Storia Economica*; 2021; Associate editor of the *Rivista di Storia Economica*, since 2018; **RESEARCH:** member of the research team PRIN 2017, SH1, 2017YLBYZE, “Lost highway: skills, technology and trade in Italian economic growth, 1815-2018” (PI: Giovanni Federico). **REFEREE:** I write about 20 reports per years for journals including American Economic Journal: Applied Economics, Annals of Regional Science, Cliometrica, Economic History Review, Economic Journal, European Review of Economic History, Journal of Economic Geography, Journal of Economic History, Journal of Evolutionary Economics, Journal of Economic Survey, Explorations in Economic History, Papers in Regional Science, Regional Studies, Revista de Historia Económica, Rivista di Storia Economica/Italian Economic History Review, Scienze Regionali/The Italian Journal of Regional Science, Spatial Economic Analysis, Revista de Historia Industrial/Industrial History Review, World Development.