

CURRICULUM VITAE

Personal Details

Name: Dr. Aldo Geuna
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Academic Employment History 2000 onward

Full Professor, Department of Cultures, Politics and Society, University of Torino. 2020-current.

Full Professor, Department of Economics and Statistics Cognetti de Martiis, University of Torino. 2008-2020.

Fellow CIFAR, Toronto. 2019-current

Fellow Collegio Carlo Albero, Torino. 2012-current.

2004-2005 Senior Research Fellow, The Robert Schuman Centre for Advanced Studies, European University Institute, Florence (Italy).

2002-2008 Senior Lecturer at SPRU, University of Sussex.

1998-2002 Lecturer at SPRU, University of Sussex.

Other main appointments

- Senior Research Associate at the Innovation Policy Lab, Munk School of Global Affairs, University of Toronto (CAN), 2017–2019.
- Visiting Professor, SIEPR, Stanford Institute for Economic Policy Research, University of Stanford (USA), July 2013 – May 2014.
- Adjunct Professor research, Grenoble Ecole de Management, Grenoble (F), 2009-2012.
- Adjunct Professor, Department of Economics, Université Montesquieu Bordeaux IV, Bordeaux (F), 2010.
- Senior Research Fellow, International Centre for Economic Research (ICER), Turin (I), 2006-2007 and 2008
- Senior Research Fellow, Politecnico di Torino, Turin (I), 2007.
- Invited Professor in the MSc programme at the Alta Scuola Politecnica, Milano (I), May 2007, May 2008.
- Invited Visiting Professor, MSc in Technology Management, Universidad de Talca in Santiago (Chile), academic year 2005-2006.

- Invited Visiting Professor, INGENIO (Instituto de Gestión de la Innovación y del Conocimiento), Universidad Politécnica de Valencia (S), academic year 2001-2002.

International Recognition

Included in the list of Top Italian Scientists of VIA-Academy
Fellow CIFAR

Invited Key Note Speaker

About 25 times Key note Speaker in International Conferences in Canada, China, Europe, Korea and the US.

Editorial Assignments

- 2017 – current Member of the Editorial Board of *Italian Economic Journal*
- 2013 – current Member of the Editorial Board of RT, *A Journal on Research Policy and Evaluation*
- 2010 – current Member of the Editorial Board of *Journal of Technology Transfer*
- 2019 – 2021 Member of the Editorial Board of *Sustainability*
- 2010 – 2021 Member of the Editorial Board of *Research Policy*
- 2004 – 2010 Editor of the journal *Information Economics & Policy*.
- 2003 – 2008 Editor of the *SPRU Electronic Working Paper Series (SEWPS)*.
- 2002 – 2007 Member of the Editorial Board of *VEST-Journal for Science and Technology Studies*.

Scientific Committee Membership 2000 onward

16 Times member of the Scientific Committee of International Conferences in Brazil, Canada, Europe and Japan.

Expert Groups/Steering Committees

- Member of the Expert Group ‘Key long term transformations in Research, Innovation and Higher Education’ (European Commission, DG Research), 2014-2015.
- Member of expert group on “Trasformazione della conoscenza”, Consiglio Italiano per le Scienze Sociali, 2007-2010.
- Member of the European Steering Committee of GICSI --the Global Information Commons for Science Initiative, under the sponsorship of CODATA (Committee for Scientific Data and Information), 2008 - 2012
- Rapporteur of the CREST OMC 3 % Expert Group (European Commission, DG Research) ‘Encourage the reform of public research centres and universities.’ 2005-2006.
- Member of the steering group (ESF, European Medical Research Council) on the ‘Socio-Economic Value of Medical Research.’ 2004-2005.

- Member of the STRATA-ETAN (European Commission, DG Research) High Level Group on ‘Universities/Research Relations.’ 2003.
- Member of the STRATA-ETAN (European Commission, DG Research) expert group on ‘Developing Foresight for the development of Higher Education/Research relations in the perspective of the European Research Area (ERA).’ 2001-2002.

Research Experience 2000 Onward

2023-2024	CIFAR, Coordinator of the project “The transformation of healthcare: Productivity, performance and labor effects of the adoption of Robotics, AI and Big Data”. Supervised the work of one postdoctoral fellow.
2022-2023	CIFAR, Coordinator of the project “A comprehensive analysis of the impact of CIFAR-10 and CIFAR-100 databases on academic knowledge production and dissemination”. Supervised the work of one postdoctoral fellow.
2021-2022	University of Torino, Coordinator of the project “The economic impact of data centres in Piedmont and Lombardy” finance by Noovle-TIM. Supervised the work of two postdoctoral fellows.
2016-2019	University of Torino, Compagnia di San Paolo Foundation and Lupina Foundation: Coordinator of the project “Agglomeration and Industrial Resilience” with the co-leadership of Dan Breznitz (University of Toronto). Supervised the work of two postdoctoral fellows and two research fellows.
2011-2014	Collegio Carlo Alberto: Coordinator of the project “Researcher Mobility and Scientific Performance”. Supervised the work of one research fellow and two research assistants.
2011-2013	DG research, European Commission: Senior Researcher (Coordinator of the contract at Fondazione Rosselli) in the cooperative project SISOB: An Observatorium for Science in Society Based in Social Models. Supervised the work of one research fellow and two research assistants.
2009-2010	EUROSTAT: Senior Researcher in the project EUMIDA, responsible for the data collection in UK and Ireland. Supervised the work of one research fellow.
2008-2009	Fondazione Rosselli, Torino: Coordinator of the project “The impact of the universities of Turin on the economy.” Supervised the work of two research fellow and one research assistant.
2007	Oxford Internet Institute, University of Oxford: Senior Researcher in the project “Performance of distributed problem-solving networks.”
2006-2007	IPTS, European Commission: Senior Researcher in the project: “European Perspectives on the Creative Content Sector.” Supervised the work of one research fellow.
2004-2006	DG Research, European Commission: Co-organiser of Work Package 1.3 of the Network of Excellence DIME.

2004-2005	IPTS, European Commission: Senior Researcher in the project ‘Changes in University Incomes and Their Impact on University-Based Research and Innovation.’ Supervised the work of one research officer.
2004-2007	PRIME-Network of Excellence: Senior Researcher in the project AQUAMETH. Supervised the work of one research fellow.
2004-2005	CRUI: Senior researcher in the project: “Analisi della specializzazione scientifica italiana e relativa valutazione dei punti di forza”.
2004-2005	Office of Science and Technology, DTI: Coordinator of the project ‘Science and Technology Linkages: A review of the Literature.’ Supervised the work of one research fellow.
2003-2004	Office of Science and Technology, DTI: Coordinator of the project ‘Assessing the performance of UK science.’ Supervised the work of one research fellow.
2001-2003	DG research, European Commission: Senior Researcher (Co-ordinator of the contract at SPRU) in the co-operative project ‘PatVal-The Value of European Patents: Empirical Models and Policy Implications based on a Survey of European Inventors.’ Supervised the work of one research fellow and two research officers.
2001-2002	ESRC: Coordinator of the project ‘An Analysis of ESRC Research Funding Impact: A Feasibility Study.’ Supervised the work of two research officers.
2001	Office of Science and Technology, DTI: Co-ordinator of the project ‘The Economic Returns to Basic Research and the Benefits of University-Industry Relationships.’ Supervised the work of 2 research officers.
2000-2002	Merck Foundation: Senior Researcher (Co-ordinator of the work at SPRU) in the research network ‘EPRIS-European Pharmaceutical Regulation and Innovation Systems.’
2000-2002	IST, European Commission-EUROSTAT: Lead Co-ordinator of the cooperative project ‘New Indicators for the Knowledge Based Economy.’ Supervised the work of one research fellow, one research officer and two research assistants (fixed fee short-term contracts).
2000-2001	STRATA, European Commission: Lead Co-ordinator of the thematic network ‘New Policy Rationale for the Support of Public Research in the EU.’
1999-2001	TSER, European Commission: Senior Researcher in the co-operative project ‘Know for Innovation.’ Supervised the work of one research assistant.

Research Administration

2012 – 2013	Deputy Director Research of the Department of Economics and Statistics Cogneetti de Martiis, Università di Torino.
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2010 – 2016 Member of the Management Committee of the Department of Economics and Statistics Cognetti de Martiis, Università di Torino.

Contributions to Teaching 2000 Onwards

2008-2023 Università di Torino, courses taught in different academic years:

Lecturer PhD/Master course ‘Economics of Innovation’ (4-18 students). Course taught in English.

Convenor and lecturer Master course ‘Economics of Knowledge’ (~25 students). Course taught in English.

Convenor and lecturer Master course ‘Green Economics and Innovation’ (10 students). Course taught in English.

Convenor and lecturer Undergraduate course ‘Entrepreneurship’ (~ 40 students). Course taught in English.

Convenor and lecturer Undergraduate course ‘Economics of Innovation’ (~ 100 students). Course taught in Italian.

Convenor and lecturer Undergraduate course ‘Macroeconomics/Economic Policy’ (~70-100 students). Course taught in Italian.

Convenor and lecturer Undergraduate course ‘Cooperation and Economic Development’ (~ 60 students). Course taught in Italian.

1998-2008 SPRU, University of Sussex, courses taught in different academic years:

Co-convenor and lecturer DPhil course on ‘Research Methods’ I with shared responsibility for the development of the course (~20 students).

Convenor and Lecturer MSc course (~12 students) ‘The Political Economy of Science Policy’.

Lecturer MSc course (~15 students) on ‘Economics for Science and Technology Policy’; from 2003 onward ‘Economic Perspectives on Innovation’ (~50 students).

Convenor and Lecturer MSc course ‘Introduction to Statistical Research Methods’, with shared responsibility for the development of the course (~30 students).

Convenor and Lecturer undergraduate course (~20 students) ‘Public Administration and Third Sector Activities’.

Doctoral Schools

2007-2011 DIMETIC (Doctoral School of the DIME network of excellence), Co-organiser and lecturer in one week programme on “Policy for the knowledge economies.”

Supervision

From 1998 onward he has been the supervisor of about fourteen PhD students, sixty MA students and fifty BA students. He also has acted as supervisor of twenty-six post-doc students.

Membership of PhD Defence Committee

Department of Management Engineering, Politecnico di Torino (2021, 2022)
 TIK Centre for Technology, Innovation and Culture, University of Oslo (2020).
 Department of Economics, University of Kassel (2019).
 Innovation and Entrepreneurship Group, Imperial College Business School (2018).
 International Business and Strategy group at Henley Business School (University of Reading) – DBA Thesis (2017).
 Department of Economics, University of Strasbourg (2018, 2011, 2023).
 School of Economics and Business, Université Libre de Bruxelles (2011).
 Department of Political and Social Sciences, European University Institute (2010).
 School of Science and Technology, Aalto University (2010).
 Division of Economics, Royal Institute of Technology, Stockholm (2009).
 Department of Economics S. Cagnetti de Martiis, Università di Torino (2009, 2010).
 Faculty of Management, Tel Aviv University (2007).
 Faculty of Economics, Universidad Autonoma de Madrid (2007).
 SPRU, University of Sussex. (2001, 2002, 2003, 2004, 2009).
 Department of Economics, Université Pierre Mendès of Grenoble (2000).

Teaching Funding Examiner

2003 Examiner for the ESRC Research Studentship competition.

University Senior administration

2021-current	Director of the Erasmus Mundus Master programme: <i>Economic Analysis and Policy</i>
2014- 2016	Deputy Director Teaching of the Department of Economics and Statistics Cagnetti de Martiis, University of Torino.
2013-2018	Design and coordination of the Erasmus Mundus Master programme: <i>Economic Policies in the Age of Globalisation</i> .
2012-2013	Deputy Director Research of the Department of Economics and Statistics Cagnetti de Martiis, University of Torino.
2011-2013	Director of the University Research Evaluation Office, University of Torino.
2010-2012	Deputy Director of the Doctoral School in Economics of the University of Torino.

2011	Member of the Commission for the rewriting of the University Statutes, University of Torino
2009-2011	Member of the Patent Commission, University of Torino
2003-2008	Member of the Curriculum Committee at SPRU, University of Sussex.
1999-2003	Member of the Teaching Executive at SPRU, University of Sussex.
2001-2005	Design and coordination of the SPRU MSc: <i>Industry and Innovation Analysis</i> .

Advice to Governmental Bodies and Non-Profit Organisations

- Regional Authority of Piemonte, support and advice to the Unit Research, Innovation and University on Economic transformation; expert appointed as regional coordinator within the by DG REGIO Pilot Action Industrial Transition 2018-2019.
- ETH Zurich, Switzerland, presentation and advice to the Strategy Commission on research foresight, 2018
- Department of Business and Management at Aalborg University, Denmark, member of the external evaluation panel, 2018.
- Fondazione Luigi Einaudi, Italy, member of the Board of Directors, 2018-2019.
- International J.A. Schumpeter Society, member of the Board of Management, 2014-2018.
- Collegio Carlo Alberto, Italy, member of the Board of Directors, 2014-2019.
- Agenzia Nazionale di Valutazione del Sistema Universitario e della Ricerca (ANVUR), Italy, member of the “Gruppo di lavoro indicatori di terza missione”, 2013-2015.
- Swedish Research Council, Sweden, member of the “International Advisory Board for a Performance Based Research Funding System in Sweden”, 2013-2015.
- Royal Swedish Academy of Engineering Sciences, Sweden, presentation to the high level steering group on university funding, 2012.
- CSI-Piemonte (consortium for the Information System in Piemonte), Italy, member of Technical and Scientific Board, 2011- 2012.
- Coripe Piemonte (Consortium for Research and Continuing Education in Economics), Italy, member of the Board of Directors, 2009-2011.
- OECD, advisor on the “Future of Academic Research”, 2007.
- European Science Foundation, European Medical Research Council (ESF-EMRC), advisor on “Assessing the benefits of medical research”, 2005.
- Economic and Social Research Council (ESRC), UK, advisor on “Measuring the impact and contribution of social sciences”, 2005.
- Conference of the Rectors of Italian Universities (CRUI), Italy, advisor on “Identifying strength and weaknesses of Italian university research”, 2004-05
- OECD, commissioned report on ‘The Impact of Public Research Organisations’ IP Activity on Public Research’, 2003.

Dissemination 2000 Onwards

Organisation of conferences and main workshops

- Co-Organiser of the Workshop Series “The Organization, Economics and Policy of Scientific Research” held at Collegio Carlo Alberto – Torino, Italy, 2017, 2016, 2015, 2014, 2013, 2012, 2011, 2010, 2008
- Co-organiser of the international conference “Global Science and the Economics of Knowledge-Sharing Institutions”, held at Collegio Carlo Alberto – Torino, Italy, June 28-20, 2009.
- Organiser of the workshop “Economics and Historical Approaches to the Understanding of University Research Behaviour”, held at ICER – Torino, Italy, June 6, 2007.
- Co-Organiser of the DIME-EXTRA workshop "Technology transfer from universities: A critical appraisal of patents, spin-offs and human mobility" held at EPFL - Lausanne, Switzerland, September 29-30, 2006.
- Co-Organiser of the European Forum conference ‘The Role of Universities in Innovation Systems’ held at The Robert Schuman Centre of Advanced Studies, European University Institute, 17-18 June, 2005.
- Co-Organiser of the international conference in honour of Keith Pavitt ‘What Do We Know About Innovation?’ held at SPRU, 13-15 November, 2003.
- Co-Organiser of the international conference: ‘Rethinking Science Policy. Analytical Frameworks for Evidence-Based Policy’ held at SPRU, March 21-23, 2002.

More than 60 invited seminar presentations in various European countries, the USA, Canada, China and Korea.

Other Activities and Achievements

Major Fellowships

1997-1998 European Commission, DGXII, TMR: 18 month post-doctoral fellowship (Marie Curie Fellowship) to carry out research at BETA, University of Strasbourg.

1993-1994 Politecnico di Milano: Two year post-graduate fellowship for following specialist courses abroad.

Referee for the following journals:

Academy of Management Perspectives, Economia e Politica Industriale, Economics of Innovation and New Technology, Economica, Environment and Planning C: Government and Policy, European Management Journal, Higher Education, Higher Education Policy, Industry and Innovation, Industrial and Corporate Change, International Journal of Innovation Management, International Journal of Technology, Policy and Management, Journal of Business Venturing, Journal of Evolutionary Economics, Journal of Management and Governance, Journal of Technology Transfer, Minerva, Plos One, Pnas, Regional Studies, Research Policy,

Science and Public Policy, Scientometrics, Small Business Economics, Technology Analysis and Strategic Management, Technovation.

Referee for the following Editors: *Edward Elgar, Routledge, Stanford University Press.*

Referee/expert evaluator for the following funding institutions:

National Science Foundation-NSF (US), European Science Foundation-ESF, EC, EUROSTAT, ESRC (UK), MIUR (Italy), Research Foundation – Flanders (Belgium), SSHRC (Canada), KU Leuven (Belgium), University of Milano (Italy), University of Padua (Italy).

2019-current: co-founder of the innovative startup beeopak (www.beeopak.com). Pro bono consulting, support on strategic development and responsible for financial development. Successfully completed a 150k crowdfunding campaign and raised about 800k public support in 0 interest loans and grants (for technological development)

Education

1993–98	MERIT, Maastricht University: Ph.D Programme in Economics.
1992-93	MERIT, Maastricht University: Masters Degree in Technology Policy and Innovation Management.
1991-92	University of Torino: Masters Degree in Economics. Specialisation in International and Development Economics.
1991	Politecnico di Milano: State exam to obtain the license of Professional Engineer.
1984-91	Politecnico di Milano: Laurea (Masters Degree equivalent) in Management Engineering.

Publications

Refereed journal articles

1. (with R. Carriero, M. Cada Zabetta and F. Tomatis) ‘Investigating PhDs’ early career occupational outcomes in Italy: Individual motivations, role of supervisor and gender differences’, *Higher Education*, <https://doi.org/10.1007/s10734-023-01068-y>, 2023
2. (with C. Fassio and F. Rossi) ‘How do firms reach out to foreign universities? Inventors’ personal characteristics and the multinational structure of firms’, *Journal of World Business*, Volume 58, Issue 3, 101431, 2023.
3. (with R. Colombari, S. Helper, R. Martins, R. Paolucci, R. Ricci and R. Seamans) ‘The interplay between data-driven decision-making and digitalization: A firm-level survey of the Italian and U.S. automotive industries’, *International Journal of Production Economics*, Vol 255, 108718, 2023.
4. (with A. Enrietti, R. Nava and P. Patrucco) ‘The birth and development of the Italian automotive industry (1894-2015) and the Turin car cluster’, *Industrial and Corporate Change*, Vol. 31, 161–185, 2022.
5. (with C. Lawson and U. Finardi) ‘The funding-productivity-gender nexus in science, a multistage analysis’, *Research Policy* Vol. 50, 2021.
6. (with B Lepori and A. Mira) ‘Scientific output scales with resources. A comparison of US and European universities’, *PLoS ONE* Vol. 14(10): e0223415. <https://doi.org/10.1371/journal.pone.0223415>, 2019.
7. (with C. Fassio and F. Rossi) ‘Which governance of university-industry interactions increases the value of industrial inventions?’, *Industrial and Corporate Change*, Vol, 28, pp. 1227–1256, 2019.
8. (with M. Piolatto) ‘Research Assessment in the UK and Italy: Costly and difficult, but probably worth it (at least for a while)’, *Research Policy*, Vol. 45, pp.260-271, 2016.
9. (with A. Fernández-Zubieta and C. Lawson) ‘Productivity Pay-offs from Academic Mobility: Should I stay or should I go?’, *Industrial and Corporate Change*, Vol 25, pp.91-114, 2016.
10. (with B. Barros, A. Fernández-Zubieta, E. Guzmán R. Kataishi, C. Lawson and M. Toselli) ‘SiSOB Data Extraction and Codification: A tool to analyze scientific careers’, *Research Policy*, vol 44, pp. 1645–1658, 2015.
11. (with C. Antonelli) ‘Conoscenza e università’, un sistema di governo in evoluzione’, *Annali della Fondazione Luigi Einaudi*, Vol. 48, pp. 51-64, 2014.
12. (with I.M. Bodas Freitas and F. Rossi) ‘Collaboration objectives and the location of the university partner: Evidence from the Piedmont region in Italy’, *Papers in Regional Science*, Vol. 93 (S1), pp. s203-s226, 2014.
13. (with M. Perkman, V. Tartari et al.) ‘Academic Engagement and Commercialisation: A review of the literature on university–industry relations’, *Research Policy*, Vol. 42, pp.423-442, 2013.
14. (with I.M. Bodas Freitas and F. Rossi) ‘Finding the Right Partners: Institutional and Personal Modes of Governance of University-Industry Interactions’, *Research Policy*, Vol. 42, pp. 50-62, 2013

15. (with I.M. Bodas Freitas and F. Rossi) ‘The Governance of Formal University-Industry Interactions: Understanding the rationales for alternative models’, *Prometheus*, Vol. 30, pp: 29-45, 2012.
16. (with F. Rossi) ‘Changes to University IPR Regulations in Europe and the Impact on Academic Patenting’, *Research Policy*, Vol. 40, pp. 1068–1076, 2011.
17. (with C. Antonelli and C. Franzoni) ‘The Organization, Economics and Policy of Scientific Research. What we do know and what we don’t know’, *Industrial and Corporate Change*, Vol. 20, pp. 201–213, 2011.
18. (with C. Daraio, A. Bonaccorsi et al.) ‘The European University Landscape: A micro characterization based on evidence from the Aquameth project’, *Research Policy*, Vol. 40, pp.148-164, 2011.
19. (with G. Crespi, P. D’Este and R. Fontana) ‘The Impact of Academic Patenting on University Research and Its Transfer’, *Research Policy*, Vol. 40, pp.55-68, 2011.
20. (with G. Crespi, O. Nomaler and B. Verspagen) ‘University IPRs and Knowledge Transfer. Is University Ownership More Efficient?’, *Economics of Innovation and New Technology*, Vol. 19, No. 7, pp.627–648, 2010.
21. (with A. Bonaccorsi and C. Daraio) ‘Universities in the New Knowledge Landscape: Tensions, Challenges, Change – An Introduction’, *Minerva*, Vol. 48, pp.1-4, 2010
22. (with A. Muscio) ‘The Governance of University Knowledge Transfer: A Critical Review of the Literature’, *Minerva*, Vol. 47, pp.93-114, 2009
23. (with J. Mateos-Garcia and W.E. Steinmueller) ‘Creative User Engagement and Content: Innovation Dynamics and Applications’, *Economia e Politica Industriale*, pp.169-183, 2008.
24. (with G. Crespi). ‘An empirical study of scientific production: A Cross country analysis, 1981-2002.’ *Research Policy*, Vol. 37, pp 565-579, 2008.
25. (with P. Giuri and M. Mariani et al.). ‘Inventors and Invention Processes in Europe. Results from the PatVal-EU survey.’ *Research Policy*, Vol 36, pp.1107-1127, 2007.
26. (with G. Crespi and L. Nesta). ‘The Mobility of University Inventors in Europe.’ *Journal of Technology Transfer*, Vol 32, pp. 195-215, 2007.
27. (with D. Mowery) ‘Publishing and Patenting in US and European Universities’, *Economics of Innovation and New Technology*, Vol. 16, pp.67-70, 2007.
28. (with L. Nesta) ‘University Patenting and its Effects on Academic Research: The Emerging European Evidence’, *Research Policy*, Vol 35, pp.790-807, 2006.
29. (with M. Meyer and D. Libaers) ‘The Role of University Spinout Companies in an Emerging Technology: The case of nanotechnology’, *Journal of Technology Transfer*, Vol. 31, pp.443-450, 2006.
30. (with R. Fontana and M. Matt), ‘Factors affecting University-Industry R&D Projects: The importance of searching, screening and signalling’, *Research Policy*, Vol. 35, pp. 309-323, 2006.
31. (with S. Brusoni and P. Criscuolo) ‘The Knowledge Bases of the World’s Largest Pharmaceuticals Groups. What do patent citations to non-patent literature reveal?’, *Economics of Innovation and New Technology*, Vol. 14, pp.395-415, 2005.
32. (with A. Arundel) ‘Proximity and the Use of Public Science by Innovative European Firms’, *Economics of Innovation and New Technology*, Vol. 13, pp. 559-580, 2004

33. (with S. Brusoni) ‘An International Comparison of Sectoral Knowledge Bases: Persistence and integration in the pharmaceutical industry’, *Research Policy*, Vol. 32, pp. 1897-1912, 2003.
34. (with B. Martin) ‘University Research Evaluation and Funding: An International Comparison’, *Minerva*, Vol. 41, pp.277-304, 2003.
35. ‘The Changing Rationale for European University Research Funding: Are there Negative Unintended Consequences’, *Journal of Economic Issues*, Vol. 35, pp.607-632, 2001.
36. ‘The Evolution of Specialisation: Public Research in the Chemical and Pharmaceutical Industries’, *Research Evaluation*, Vol. 10, N. 1, pp.67-79, 2001.
37. (with S. Malo) ‘Science-Technology Linkages in an Emerging Research Platform: The Case of Combinatorial Chemistry and Biology’, *Scientometrics*, Vol. 47, pp. 303-321, 2000.
38. (with C. Antonelli and W.E. Steinmueller), ‘Information and Communication Technologies and the Production, Distribution and Use of Knowledge’, *International Journal of Technology Management*, Vol. 20, pp. 72-94, 2000.
39. ‘Determinants of University Participation in EU-funded R&D Co-operative Projects’, *Research Policy*, Vol. 26, pp. 677-687, 1998.
40. ‘The Internationalisation of European Universities: A Return to Medieval Roots’, *Minerva*, Vol. 36, pp. 253-270, 1998.
41. ‘Allocation of Funds and Research Output: The Case of UK Universities’, *Revue d'Economie Industrielle*, Vol.79, pp. 143-162, 1997.
42. ‘The Participation of Higher Education Institutions in Community Framework Programmes’, *Science and Public Policy*, Vol. 23, pp. 287-296, 1996.

Special Issue

43. Co-editor (with C. Antonelli and C. Franzoni) of the Special Issue “The Economics and Organization of Science”, *Industrial and Corporate Change*, Vol. 20 (1), 2011.
44. Co-editor (with A. Bonaccorsi and C. Daraio) of the Special Issue “Universities in the New Knowledge Landscape”, *Minerva*, Vol. 48 (1), 2010.
45. Co-editor (with D. Mowery) of the Special Issue “Production and Dissemination of Academic Knowledge”, *Economics of Innovation and New Technology*, Vol. 16(2), 2007.

Books and major monographs

46. (with M. Guerzoni, M. Nuccio, F. Pamolli and A. Rungi), *Resilience and Digital Disruption. Regional Competition in the Age of Industry 4.0*, Springer, Cham, 2021.
47. *Global Mobility of Research Scientists: The Economics of Who Goes Where and Why* (ed.), San Diego, CA: Academic Press, 2015.
48. (with F. Rossi), *The University and the Economy: Pathways to growth and development*, Cheltenham: Edward Elgar, 2015 [translation with three new chapters of the 2013 book in Italian].
49. (with F. Rossi), *L'università e il sistema economico. Conoscenze, progresso tecnologico e crescita*, Bologna: Mulino, 2013.
50. (with V. Valli and R. Burlando), *Politica Economica e Macroeconomia: Una nuova prospettiva*, Roma, Carocci: 2010.

51. (with A. Salter and W.E. Steinmueller), *Science and Innovation: Rethinking the Rationales for Funding and Governance* (eds.), Cheltenham: Edward Elgar, 2003. Paperback version published in March 2004.
52. *The Economics of Knowledge Production: Funding and the Structure of University Research*, Cheltenham: Edward Elgar, 1999.

Book chapters

53. (with E. Estolatan, M. Guerzoni and M. Nuccio) “Mapping the Evolution of the Robotics Industry: A cross country comparison” forthcoming in Cantner, Guerzoni and Vannuccini (eds.) *Handbook of Research Methods and Applications in Industrial Dynamics and Evolutionary Economics*, Edward Elgar, 2022
54. (with A. Fernández-Zubieta and C. Lawson) ‘What do We Know of the Mobility of Research Scientists and of its Impact on Scientific Production’ in A. Geuna, (ed) *Global Mobility of Research Scientists: The Economics of Who Goes Where and Why*, San Diego, CA: Academic Press, pp. 1-33, 2015.
55. (with A. Fernandez-Zubieta, R. Kataishi, C. Lawson and M. Toselli) ‘International mobility of Researchers in the Biomedical Sciences: A Comparison of the US and the UK’ in A. Geuna, (ed) *Global Mobility of Research Scientists: The Economics of Who Goes Where and Why*, San Diego, CA: Academic Press, pp. 67-104, 2015.
56. (with A. Fernandez-Zubieta and C. Lawson) ‘Mobility and Productivity of Research Scientists’ in A. Geuna, (ed) *Global Mobility of Research Scientists: The Economics of Who Goes Where and Why*, San Diego, CA: Academic Press, pp. 105-131, 2015.
57. (with Sotaro Shibayama) ‘Moving out of Academic Research: Why Scientists Stop Doing Research?’ in A. Geuna, (ed) *Global Mobility of Research Scientists: The Economics of Who Goes Where and Why*, San Diego, CA: Academic Press, pp. 271-303, 2015.
58. (with I.M. Bodas Freitas, C. Lawson and F. Rossi) ‘How do industry inventors collaborate with academic researchers? The choice between shared and unilateral governance forms’ in P.P. Patrucco, (ed.) *The Economics of Knowledge Generation and Distribution: The Role of Interactions in the System Dynamics of Innovation and Growth*, London, Routledge, pp.45-71, 2014.
59. (with I.M. Bodas Freitas and F. Rossi) ‘University-Industry Interactions: The unresolved puzzle’ in C. Antonelli (ed.) *Handbook on the Economic Complexity of Technological Change*, Cheltenham: Edward Elgar, pp. 262-285, 2011.
60. (with C. Antonelli and C. Franzoni) ‘The Contributions of Economics to a Science of Science Policy’ in M.G. Colombo, L. Grilli, L. Piscitello and C. Rossi Lamastra (eds.) *Science and Innovation Policy for the New Knowledge Economy*, Cheltenham: Edward Elgar, pp. 19-36, 2011.
61. (with G. Crespi). ‘The Productivity of UK Universities’, in M. Albert, D. Schmidtchen and S. Voigt. (eds.) *Conferences on New Political Economy, Scientific Competition*, Mohr Siebeck, Vol 25, pp.71-95, 2008.
62. (with I. Cassarino) ‘Remixing Cinema. The case of Brighton Swarm of Angels’ in C. Franzoni and C. Rossi Lamastra (eds.) *Open Knowledge and the Cooperative*

- Approach to the Production of Research and Innovation*, Franco Angeli, pp.94-120, 2008.
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