

DR. FEDERICA ROSSI

CURRENT POSITION	Professore Associato, Dipartimento di Economia 'Marco Biagi', Università di Modena e Reggio Emilia
CONTACT DETAILS	Via Jacopo Berengario 51, 41121 Modena, Italy e-mail: federica.rossi@unimore.it
WEB PAGE	http://personale.unimore.it/Rubrica/dettaglio/ferossi

PROFESSIONAL EXPERIENCE:

Reader in Innovation Policy and Management, Department of Management, Birkbeck, University of London (2020-2023)

Senior Lecturer, Department of Management, Birkbeck, University of London (2016-2020)

Lecturer, Department of Management, Birkbeck, University of London (2011-2016)

Research Fellow, Department of Management, Birkbeck, University of London (2008-2010)

Postdoctoral Fellow, Dipartimento di Economia, Università di Torino, Italy (2008-2010)

RESEARCH:

INTERESTS

- Science, technology and innovation policy; Innovation activities of firms and innovation intermediaries; University-industry knowledge transfer; Digital innovation in firms and public administrations

GRANTS

- Birkbeck BEI School (2023, PI): *Innovation intermediaries and national digital strategies: international comparative analysis*
- Birkbeck BEI School (2022-23, PI): *The use of crowdsourcing by public administrations*
- Birkbeck BEI School (2019-20, Co-I): *Emerging organizational forms in the governance of higher education, innovation and technology*
- British Academy/Leverhulme (2018-20, PI): *Innovation intermediaries and the Fourth Industrial Revolution*
- Society for Research in Higher Education (2018-19, Co-I): *Exploring the complexity of universities' knowledge exchange activities*
- British Academy of Management (2018, Co-I): *Developing impact measures of university-industry collaborations using text mining*
- Birkbeck BEI School (2018, PI): *The role of public research organisations in the UK's innovation ecosystem*
- Birkbeck BEI School (2015-16, PI): *The diversity of UK universities' knowledge exchange profiles*
- British Academy/Leverhulme (2015-26, Co-I): *Knowledge co-creation between universities and small and medium-sized enterprises*
- British Academy of Management (2014-15, Co-I): *Broadening the evidence base on knowledge transfer partnerships in the social sciences*
- *The multiple dimensions of knowledge transfer value* (Birkbeck BEI School grant, 2013-14): Principal investigator

CONSULTANCIES

- *National Centre for Academic and Cultural Exchange* (2020-2023): Senior research advisor

- *International Comparison of Knowledge Transfer Policies and Practices* (2016-2017) (World Intellectual Property Organization): National expert
- *PREF – Analysis of National Public Research Funding, by theme and by type of allocation* (2014-2016) (Institute of Research on Sustainable Economic Growth of National Research Council - IRCrES CNR): National expert
- *EUMIDA – European Universities Micro-Data* (2011) (Eurostat / European Commission grant, 2011): National expert
- *SME innovation and intellectual asset management in ICT firms in the United Kingdom* (Department for Business Innovation and Skills / OECD, 2011): Consultant
- *Analytical framework for the flow of knowledge from the research base into use - with the specific intention of testing the effective and efficient use of formal IPRs* (Strategic Advisory Board for Intellectual property, 2010): Consultant

EDITORIAL ROLES

- Advisory Editor, Research Policy
- Member of Editorial Board, Higher Education Quarterly

MEMBERSHIPS

- Higher Education Academy, British Academy of Management, Regional Studies Association

EXTERNAL APPOINTMENTS

- Chartered Institute of Management Accountants (2016-19): Exam developer

REFEREEING

- Research Policy (4*) (Outstanding reviewer 2017, 2018); British Journal of Management (4*); Industrial and Corporate Change (3*); Journal of Business Research; Journal of Small Business Management (3*); Studies in Higher Education (3*); R&D Management (3*), Journal of Innovation and Technology Management, Industry and Innovation; Economics of Innovation and New Technology; Economics of Education Review; Higher Education; Economia e Politica Industriale, Rivista di Politica Economica; Technovation.

TEACHING AND ADMINISTRATION

PHD SUPERVISION

- One successfully completed PhD dissertation (as first supervisor)
- Three successfully completed PhD dissertations (as second supervisor)
- Currently first supervising two PhD students and second supervising three PhD students
- External examiner for one PhD student in Spain (Universidad Autonoma de Madrid) and one PhD student in France (NEOMA Business School)

TEACHING

- Knowledge Management (undergraduate) , Birkbeck, University of London (2022-2023)
- Innovation and the Knowledge Economy (postgraduate), Birkbeck, University of London (2012--2023)
- Microeconomics for Business (undergraduate), Birkbeck, University of London (2010--2023)
- Innovation and Competition in the Knowledge Economy (postgraduate), Università di Modena e Reggio Emilia, Italy (2020-21)
- Lectures on Innovation and the Public Research System, Doctoral Programme, Università di Modena e Reggio Emilia, Italy (2020-21, 2021-22)

- Lectures in Economics of Innovation and Science and Technology Policy (undergraduate), Università di Trieste, Italy (2012-2014)
- Macroeconomics for Business (undergraduate), Birkbeck, University of London (2010)
- Entrepreneurship and Innovation (postgraduate), Birkbeck, University of London (2010)
- Economics of Innovation (undergraduate), Università di Modena e Reggio Emilia, Italy (2009-2010)
- Introductory Economics (undergraduate), Università di Modena e Reggio Emilia, Italy (2008-2009)

ADMINISTRATIVE RESPONSIBILITIES

- Director of Research, Department of Management, Birkbeck, University of London (2021--2023)
- Deputy Director, Centre for Innovation Management Research, Birkbeck, University of London (2016-present)
- Unit of Assessment Lead for Research Excellence Framework, Birkbeck, University of London (2018-2021)
- Director, MSc Business Innovation Programme, Birkbeck, University of London (2022)
- Director, BSc Business Programme, Birkbeck, University of London (2011-present)
- Admissions tutor, BSc Business Programme, Birkbeck, University of London (2011-present)
- Personal tutor, Birkbeck, University of London (2011-present)

EDUCATION

QUALIFICATIONS

- **PgCert Higher Education**, Birkbeck, University of London (2011-2012)
- **PhD in Economics and Complexity**, Dipartimento di Economia, Università di Torino, Italy (2005-2009)
- **PhD visiting student**, Centre for Innovation Management Research, Birkbeck, University of London (2007-2010)
- **Master in Economics**, GPA: A+, CORIPE Piemonte (Consortium for Research and Continuing Education in Economics), and Università di Torino, Italy (2005-2006)
- **Bachelor in Political Economy** (First Class Honours) Università di Modena e Reggio Emilia, Italy (1993-1998)

SUMMER SCHOOLS AND COURSES

- European Summer School on Industrial Dynamics (ESSID) “The Economics of Science”, Dubrovnik, Croatia (2007)
- Advanced course in “Crescita, occupazione e produzione internazionale: modelli e analisi dei dati”, Università di Urbino, Urbino, Italy (2006)
- Santa Fe Institute Complex Systems Summer School, Beijing, China (2005)

AWARDS

- Best paper award, European International Business Association (EIBA) Conference 2019
- Best paper in Innovation award, British Academy of Management Conference 2016
- Best paper in Innovation award, British Academy of Management Conference 2015
- Second Prize, Poster presentation, Roberts@BBK-2007 Conference and Exhibition. A

LANGUAGES SKILLS

English (very fluent), Italian (native)

IT SKILLS

Stata, R, Pajek, Ucinet, Office applications

PUBLICATIONS

ARTICLES IN REFEREED JOURNALS

1. Marzocchi, C. and Kitagawa, F. and Rossi, Federica and Uyarra, E. (2023) Reconceptualising knowledge exchange and higher education institutions: broadening our understanding of motivations, channels, and stakeholders, Editorial. *Studies in Higher Education*.
2. Caloffi, A. and Colovic, Ana and Rizzoli, V. and Rossi, Federica (2023) Innovation intermediaries' types and functions: a computational analysis of the literature. *Technological Forecasting and Social Change* 189 (122351).
3. Fassio, C. and Geuna, A. and Rossi, Federica (2023) How do firms reach out to foreign universities? Inventors' personal characteristics and the multinational structure of firms. *Journal of World Business* 58 (3), pp. 101431.
4. Sengupta, A. and F. Rossi (2023) The relationship between universities' funding portfolios and their knowledge exchange profiles: A dynamic capabilities view, *Technovation*, 121.
5. Ghorbankhani, M. and F. Rossi (2022) Intrinsic and strategic complementarity of research and knowledge transfer activities as determinants of knowledge transfer management: evidence from public research organisations, *The Journal of Technology Transfer*.
6. Russo, M., Caloffi, A., Colovic, A., Pavone, P., Romeo, S. and F. Rossi (2022) Mapping regional strengths in a key enabling technology: The distribution of Internet of Things competences across European regions, *Papers in Regional Science*, 101(4): 875-900.
7. Caloffi, A., Freo, M., Mariani, M., Ghinoi, S. and F. Rossi (2022) Assessing the effects of a deliberate policy mix: the case of technology and innovation advisory services and innovation vouchers, *Research Policy*, 51(6).
8. Colovic, A., Caloffi, A. and F. Rossi (2022) Crowdsourcing and COVID-19: How public administrations mobilize crowds to find solutions to problems posed by the pandemic, *Public Administration Review*, 2022, 82(4): 756-763.
9. Rossi, F., Sengupta, A. (2022) Implementing strategic changes in universities' knowledge exchange profiles: The role and nature of managerial interventions, *Journal of Business Research*, 44: 874-887.
10. Berbegal-Mirabent, J., Rizzo, U., Rossi, F. (2022) How universities' third mission engagement can support inclusive innovation and sustainable development: addressing some open questions, Editorial, Special Issue on University-industry collaborations for inclusive innovation and sustainable development, *International Journal of Intellectual Property Management*, 12(1).
11. Rossi, F., Baines, N., Lawton-Smith, H. (2021) Which regional conditions facilitate university spinouts retention and attraction?, *Regional Studies*.
12. Rossi, F., Caloffi, A., Colovic, A., Russo, M. (2021) New business models for public innovation intermediaries supporting emerging innovation systems: The case of the Internet of Things, *Technological Forecasting and Social Change*, 175.
13. De la Torre, E., Ghorbankhani, M., Rossi, F., Sagarra, M. (2021) Knowledge transfer profiles of public research organisations: the role of fields of knowledge specialization, *Science and Public Policy*, 48(6): 860-

14. Fumasoli, T., Rossi, F. (2021) The role of higher education institutions in transnational networks for teaching and learning innovation: The case of the Erasmus+ programme, *European Journal of Education*, 57(4): 365-379.
15. Rossi, F., de Silva, M., Baines, N., Rosli, A. (2020) Long-term innovation outcomes of university–industry collaborations: the role of ‘bridging’ vs ‘blurring’ boundary-spanning practices, *British Journal of Management*, 33(1): 478-501.
16. de Silva, M., Rossi, F., Yip, N., Rosli, A. (2020) Does affective evaluation matter for the success of university–industry collaborations? A sentiment analysis of university–industry collaborative project reports, *Technological Forecasting and Social Change*, 163.
17. Fassio, C., Geuna, A., Rossi, F. (2019) Which governance of university–industry interactions increases the value of industrial inventions? *Industrial and Corporate Change*, 28(5): 1227-1256.
18. Caloffi, A., Rossi, F., Russo, M. (2019) The network effects of regional R&D collaboration policy, *Scienze Regionali - Italian Journal of Regional Science*, 2: 193-214.
19. Rossi, F., Goglio, V. (2018) Satellite university campuses and economic development in peripheral regions, *Studies in Higher Education*, 45(1): 34-54.
20. Caloffi, A., Mariani, M., Russo, M. (2018) A comparative evaluation of regional subsidies for collaborative and individual R&D in small and medium sized enterprises, *Research Policy*, 47(8): 1437-1447
21. De La Torre, E., Rossi, F., Sagarra, M. (2018) Who benefits from HEIs engagement? An analysis of priority stakeholders and activity profiles of HEIs in the United Kingdom, *Studies in Higher Education*, 44(12): 2163-2182.
22. De Silva, M., Rossi, F. (2018) The effect of firms’ relational capabilities on knowledge acquisition and co-creation with universities, *Technological Forecasting and Social Change*, 133:72-84.
23. Russo, M., Caloffi, A., Rossi, F., Righi, R. (2018) Designing performance-based incentives for innovation intermediaries: evidence from regional innovation poles, *Science and Public Policy*, 46(1): 1-12.
24. Rosli, A., de Silva, M., Rossi, F., Yip, N. (2018) The long term impact of engaged scholarship: how do SMEs capitalise on their engagement with academics to explore new opportunities, *International Small Business Journal*, 36(4): 400-428.
25. Rossi, F. (2018) The drivers of efficient knowledge transfer performance: evidence from British universities, *Cambridge Journal of Economics*, 42(3): 729-755.
26. Rossi, F., Rosli, A. and N. Yip (2017) Academic engagement as knowledge co-production and implications for impact, *Journal of Business Research*, 80: 1-9.
27. Rosli, A., Rossi, F. (2016) Third mission policy goals and incentives from performance-based funding: are they aligned? *Research Evaluation*, 25(4):427-441
28. Rossi, F., Caloffi, A. Russo, M. (2016) Networked by design: can policy requirements influence organisations’ networking behaviour?, *Technological Forecasting and Social Change*, 105:203-214.
29. Caloffi, A., Rossi, F., Russo, M. (2015) What makes SMEs more likely to collaborate? Analysing the role of regional policy, *European Planning Studies*, 23(7): 1245-1264.
30. Rossi, F. and A. Rosli (2015) Indicators of university–industry knowledge transfer performance and their implications for universities: evidence from the United Kingdom, *Studies in Higher Education*, 40(10): 1970-1991.
31. Bodas Freitas, I., Geuna, A. and F. Rossi (2013) Collaboration objectives and the location of the university partner: evidence from the Piedmont region in Italy, *Papers in Regional Science*, 93(S1): S203-S226.
32. F. Rossi and V. Goglio (2013) Il contributo economico delle sedi universitarie decentrate: il caso del polo

- cuneese dell'Università di Torino, *Sviluppo Locale*, 40(16): 81-118.
33. Bodas Freitas, I., Geuna, A. and F. Rossi (2013) Finding the right partners: Institutional and personal modes of governance of university-industry interactions, *Research Policy*, 42(1): 50-62.
 34. Andersen, B., Rosli, A., Rossi, F. and Yangsap, W. (2013) Are there “institutional failures” in intellectual property marketplaces? Evidence from information and communication technology firms, *International Journal of Management*, 30(2): 723-739.
 35. Andersen, B. and F. Rossi (2012) Inefficiencies in markets for intellectual property rights: experiences of academic and public research institutions, *Prometheus*, 30(1): 5-27.
 36. Bodas Freitas, I., Geuna, A. and F. Rossi (2012) The governance of university-industry collaborations: understanding the rationale for alternative models, *Prometheus*, 30(1): 29-45.
 37. Andersen, B., Rosli, A., Rossi, F. and Yangsap, W. (2012) Intellectual property governance (IP) in ICT firms: strategic value seeking through proprietary and non-proprietary IP transactions, *International Journal of Intellectual Property Management*, 5(1), 19-38.
 38. Geuna, A. and F. Rossi (2011) Changes to university IPR regulations in Europe and the impact on academic patenting, *Research Policy*, 40(8), 1068-1076
 39. Andersen, B. and F. Rossi (2011) UK universities look beyond the patent policy discourse in their intellectual property strategies, *Science and Public Policy*, 38 (4), 254-268.
 40. Andersen, B. and F. Rossi (2011) Intellectual property governance and knowledge creation in UK universities, *Economics of Innovation and New Technology*, 20(8), 701-725.
 41. Andersen, B. and F. Rossi (2010), Intellectual Property (IP) governance and the pursuit of economic rewards in UK Universities, *Strategic Change: Briefings in Entrepreneurial Finance*, 19 (5-6), 239-258.
 42. F. Rossi (2010) The governance of university-industry knowledge transfer, *European Journal of Innovation Management*, 13(12), 151-171.
 43. Andersen, B., Rossi, F. and J. Stephan (2010) Intellectual Property (IP) marketplaces and how they work: Evidence from German pharmaceutical firms, *Intereconomics*, 45, 35-47.
 44. F. Rossi (2010) Massification, competition and organizational diversity in higher education: some evidence from Italy, *Studies in Higher Education*, 35(1), 1470-1494.
 45. F. Rossi (2009) Increased competition and diversity in higher education: an empirical analysis of the Italian university system, *Higher Education Policy*, 22(4), 1-25.
 46. F. Rossi (2009) Universities' access to research funds: do institutional features and strategies matter? *Tertiary Education and Management*, 15 (2), 113–135.
 47. Russo, M. and F. Rossi (2009) Cooperation partnerships and innovation. A complex systems perspective to the design, management and evaluation of a EU regional innovation policy programme, *Evaluation*, 15(1), 73-97.
 48. Russo, M. and F. Rossi (2006) Stimolare l'innovazione con strumenti innovativi: reti di partenariato e sviluppo locale nel PRAI-ITT 2002-031, *Rassegna Italiana di Valutazione*, 32.

AUTHORED BOOKS

1. Geuna, A. and F. Rossi (2015) *The university and the economy. Pathways to growth and economic development*. Cheltenham: Edward Elgar.
2. Geuna, A. and F. Rossi (2013) *L'universita' e il sistema economico. Conoscenza, progresso tecnologico e crescita*, Bologna: Il Mulino.

CHAPTERS IN EDITED BOOKS

1. Rossi, F. (2022) The contribution of universities to business innovation, Chapter 7. In Antonelli, C. (ed.) *Elgar Encyclopedia on the Economics of Knowledge and Innovation*, Edward Elgar.
2. Athreye, S. and F. Rossi (2021) Policy implications. Chapter 11. In Arundel, A., Athreye, S. , Wunsch-

- Vincent, S. (eds.) *Harnessing Public Research for Innovation in the 21st Century*, Cambridge University Press.
3. Rossi, F. and S. Athreye (2021) Selected comparative case studies: United Kingdom. Chapter 4. In Arundel, A., Athreye, S., Wunsch-Vincent, S. (eds.) *Harnessing Public Research for Innovation in the 21st Century*, Cambridge University Press.
 4. Russo M., Caloffi A., Righi R., Righi S., Rossi, F. (2020) Multilayer network analysis of innovation intermediaries' activities. In: Ragozini G., Vitale M. (eds) *Challenges in Social network research. Lecture notes in social networks*. Cham: Springer.
 5. Russo, M., Caloffi, A., Rossi, F., Righi, R. (2018) Creating incentives for innovation intermediaries to address innovation system failures: evidence from regional innovation poles, In Bernhard, I., Karlsson, C. and Gråsjö, U. (eds) *Geography, open innovation and entrepreneurship*, Cheltenham: Edward Elgar.
 6. Rossi, F., Fassio, C. and A. Geuna (2015) 'The role of institutional characteristics in knowledge transfer: A comparative analysis of two Italian universities' in Breznitz, S. and H. Etzkowitz (eds.) *University technology transfer. The globalization of academic innovation*, London: Routledge.
 7. Rosli, A. and Rossi, F. (2015) Assessing the impact of knowledge transfer policies. An international comparison of models and indicators of universities' knowledge transfer performance, in Hilpert, U., ed., *Routledge Handbook on Politics and Technology*, London: Routledge.
 8. Caloffi, A., Rossi, F. and M. Russo (2015) The Emergence of Intermediary Organizations: A Network-based Approach to the Design of Innovation Policies, in Geyer, R. and Cairney, P., eds., *Handbook on Complexity and Public Policy*, Cheltenham: Edward Elgar.
 9. Bodas Freitas, I., Geuna, A., Lawson, C. and F. Rossi (2014) How do industry inventors collaborate with academic researchers? The choice between shared and unilateral governance forms, in Patrucco, P. (ed.) *The economics of knowledge generation and distribution. The role of interactions in the system dynamics of innovation and growth*, London: Routledge.
 10. Bodas-Freitas, I., A. Geuna and F. Rossi (2010) University-industry interactions: the unresolved puzzle, in Antonelli, C., ed., *Handbook on the economic complexity of technological change*, Cheltenham: Edward Elgar.
 11. Rossi, F. (2010) Le politiche dell'innovazione in Europa, in M. Russo, ed., *Processi di innovazione e sviluppo locale. Aspetti teorici e implicazioni per le politiche a sostegno dell'innovazione*, Milano: Donzelli.
 12. Russo, M. and F. Rossi (2010) Reti di cooperazione e innovazione, in M. Russo, ed., *Processi di innovazione e sviluppo locale. Aspetti teorici e implicazioni per le politiche a sostegno dell'innovazione*.
 13. Rossi, F., Russo, M., Sardo, S. and J. Whitford (2010), Innovation, generative relationships and scaffolding structures. Implications of a complexity perspective to innovation for public and private interventions, in P. Ahrweiler, ed., *Innovation in Complex Social Systems*, London: Routledge.
 14. Antonelli, C., Patrucco, P. and F. Rossi (2010) The economics of knowledge interactions and the changing role of universities, in F. Gallouj and F. Djellal, ed., *Handbook of the economics of services*, Cheltenham: Edward Elgar.
 15. Rossi, F., Bertossi, P., Gurisatti, P. and L. Sovieni (2009) Incorporating a new technology into agent-artifact space: case studies from Europe, in D.A. Lane, G. West, S. van der Leeuw and D. Pumain, eds., *Complexity perspectives on Innovation and Social Change*. Dordrecht: Springer Methodos Series.
 16. Rossi, F. and M. Russo (2009) Innovation policy: levels and levers, in D.A. Lane, G. West, S. van der Leeuw and D. Pumain, eds., *Complexity perspectives on Innovation and Social Change*. Dordrecht: Springer Methodos Series.

POLICY REPORTS

1. The role of 'place' in collaborations between HEIs and the arts and cultural sector, NCACE, 2021 (with E. Hopkins)

2. Wilson, E., Hopkins, E. and F. Rossi (2021) Collaborating with Higher Education Institutions: Findings from NCACE survey with Arts Professional, NCACE.
3. Rossi, F., Rizzoli, V. and E. Hopkins (2021) HEIs' engagement with the arts and cultural sector: Evidence from the Knowledge Exchange Framework 2021 narratives, NCACE.
4. Rossi, F., Wilson, E. and E. Hopkins (2021) How does academic research generate arts and culture-related impact? A thematic analysis of Research Excellence Framework (REF) 2014 impact case studies, NCACE.
5. Rossi, F., Caloffi, A., Colovic, A. and M. Russo (2020) Public innovation intermediaries and digital co-creation (research contribution to OECD TIP 2019-20: "Co-Creation Project")
6. Andersen, B. and F. Rossi (2010) [The flow of knowledge from the academic research base into use: An analytical framework testing the effective and efficient use of formal IPRs and 'soft IP' in UK universities](#), SABIP
7. OECD (2011) [Intellectual assets and innovation. The SME dimension](#). *OECD Studies on SMEs and Entrepreneurship* (contribution)