

Curriculum Vitae

Alessandra Colombelli

CONTACT DETAILS

Politecnico di Torino - DIGEP
Corso Duca degli Abruzzi, 24b
10129 Torino - ITALY
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CURRENT POSITIONS

1. **Associate Professor**, (since December 2016) Polytechnic of Turin, Department of Management and Production Engineering (DIGEP) and Entrepreneurship and Innovation Centre (EIC), Politecnico di Torino.
2. **Research Associate**, (since 2016) EIC (Entrepreneurship and Innovation Centre), Politecnico di Torino.
3. **Research Associate**, (since June 2008) BRICK (Bureau of Research on Innovation, Complexity and Knowledge), Collegio Carlo Alberto
4. **Research Associate**, (since April 2011) University of Nice Sophia Antipolis, CNRS-GREDEG

MATERNITY LEAVE

1. 07/03/2016 – 12/10/2016
2. 28/10/2016 – 29/11/2016
3. 23/08/2011 – 16/02/2012

PAST POSITIONS

1. August 2011 - November 2016 **Assistant Professor**, Polytechnic of Turin, Department of Management and Production Engineering (DIGEP)
2. June 2011 – July 2011 **Post-doc Fellow**, Department of Economics “S. Cagnetti de Martiis”, University of Turin
3. June 2009 – May 2011 **Research Fellow**, Facoltà di Scienze Politiche and CRENoS, University of Cagliari
4. December 2009 – August 2010 **Post-doc Fellow**, Laboratoire d'Économie de la Firme et des Institutions (LEFI), University Lumière Lyon2
5. May 2008 – May 2009 **Post-doc Fellow**, Department of Economics “S. Cagnetti de Martiis”, University of Turin
6. September 2006 – March 2007 **Marie Curie Fellow**, Manchester Business School, The University of Manchester.
7. May 2004 – October 2004 **Research Fellow**, University of Bergamo, Department of Management and Information Technology

EDUCATION

1. 2008 **PhD in Economics and Management of Technology**, University of Bergamo and Polytechnic of Torino.
2. 2006-2007 **Visiting** Manchester Business School, The University of Manchester
3. 2003 **Laurea in Ingegneria Gestionale**, University of Bergamo
4. 1999 – 2000 **ERASMUS visiting student**, University of Sheffield

RESEARCH INTERESTS

Entrepreneurship, Economics of Knowledge and Innovation, Regional Economics

TEACHING

Teaching offices in Italian and/or foreign universities in Bachelor's and Master's degree courses

1. AY 2011-2012 - present Lecturer for the course of *Strategia e Organizzazione*, Master of Science Program in Engineering and Management, Politecnico di Torino.
2. AY 2013-2014 - present Lecturer for the course of *Economia e Organizzazione Aziendale*, Bachelor's Degree Program in Engineering and Management, Politecnico di Torino.

AWARDS

1. 2012 **Emerald Award for Excellence** for the paper "Globalization and Directed Technological Change at the Firm Level: The European Evidence" published in *Advances in the Study of Entrepreneurship, Innovation & Economic Growth*.
2. September 2006 – March 2007 – **Marie Curie Grant**, awarded by the European Commission. Target institution: Manchester Business School, The University of Manchester. (Ref.: MEST-CT-2004-504299).
3. November 2005 – **Giorgio Rota Best Paper Award**, first prize for a paper on the topic "Regional transformation processes".

PARTICIPATION TO RESEARCH PROJECTS

1. November 2018 Local unit coordinator, Soap Film based Artificial Photosynthesis (SoFiA), **H2020-FETOPEN-2018-2020, European Commission**.
2. July 2018 Member, The Stratup Lab, Research Project in collaboration with **ICRIOS, Università Luigi Bocconi**.
3. October 2017 – present Principal Investigator, "Improving enGineers' Employability with multi-Competencies, Knowledge and Opportunities" (GECKO), **Erasmus+ Strategic Partnership**.
4. September 2017 – present Principal Investigator "Entrepreneurship Education Ecosystems in Engineering and Technology (E4T), **Erasmus+ Strategic Partnership**, under grant agreement n° 2017-1-SE01-KA203-034536.
5. September 2017 – present Scientific supervisor for the mobility fellowship on "Green innovation and natural resources" financed by the **Swiss National Science Foundation** (P300P1_174495).
6. September 2017 – present "Modellizzazione del Sistema di Innovazione Territoriale e Azioni di Sensibilizzazione delle Imprese del Territorio Piemontese", **Fondirigenti**.
7. Dal 2017 – present WP Leader Research Network on Industrial Resilience (RENIR). Research project on regions' adaptive industry resilience in the face of disruptive technological change. It is developed in collaboration with **Universities** and public and private institutions from **Italy, Ontario in Canada and Michigan in the USA**.
8. May 30 2017 – present Academic tutor ASP Multidisciplinary Project on "Financial Literacy and Hi-Tech Entrepreneurship (FiLE), in collaboration with **CONSOB**.
9. April 2017 – present "The Adoption of Additive Manufacturing technologies: an analysis of the effects on value chain, firm organization and innovation strategies", **DIGEP Interdisciplinary research project**.
10. December 2014 – October 2015 Coordinator and core team member "An analysis of the role and engagement of universities with regard to participation in the Framework Programmes" PP-01263-2014, Under the Framework Contract 2012/S 144-240132:

"Framework Contract for the provision of services to the Commission in the field of evaluation of research and innovation programmes and policies", **European Commission**.

11. Ottobre 2012 – present Unit coordinator “Capitale umano e creazione di impresa”, **Politecnico di Torino, Università di Torino and Fondazione Human+**.
12. April 2012 – March 2016 Welfare, Wealth and Work for Europe (WWWforEurope), **European Union Seventh Framework Programme**, under grant agreement n° 290647.
13. April 2011 – present Permanent member Gouvernance d'Entreprise et Innovation, **CNRS, France**.
14. Marzo 2012 – March 2014 Unit coordinator “Indagine Banca d’Italia sugli incubatori e sulle imprese incubate 2012”, **Politecnico di Torino and Banca d’Italia**.
15. August 2011 – July 2014 Sharing Knowledge Assets: InteRregionally Cohesive NeighBorhoods (SEARCH), **European Union Seventh Framework Programme**, under grant agreement n° 266834.
16. January 2011 – June 2014 Work packages (3 and 9) leader (with Jackie Krafft), Policy Incentives for the Creation of Knowledge: Methods and Evidence (PICK-ME), **European Union Seventh Framework Programme**, under grant agreement n° 266959.
17. March 2010 – September 2012 Innovazione e globalizzazione nel settore dell’automotive italiano: caratteristiche, strategie, ed effetti della crisi economica, progetto finanziato dal MIUR nell’ambito del programma **PRIN** (No. 20089B3CCW_005).
18. February 2010 – December 2012 Territorial Dimension of the Innovation and Knowledge Economy (KIT), **ESPO EU programme**, Part-financed by European Regional Development Fund, under grant agreement n° 091 PR1 13 0190.
19. June 2009 – July 2010 Intangible Assets and Regional Economic Growth (IAREG), **European Union Seventh Framework Programme**, under grant agreement n° 216813.
20. June 2008 – present Member of the DIME network of excellence within the **European Union Seventh Framework Programme**.
21. May 2008 – November 2009 Principal Investigator Business and employment cooperative’s competitiveness in Piedmont region, **IRES Piemonte**.
22. October 2005 – March 2008 Italian Research on Innovation Systems, **FIRB Project** financed by MIUR (No. RBNE03ZLFW).
23. January 2004 – April 2005 The new medium enterprise, **University of Bergamo and Unione degli Industriali di Bergamo** (employers union).

ARTICLES IN REFEREED JOURNALS

1. Colombelli, A., Orsatti, G. and Quatraro, F. (2019), Local knowledge composition and the emergence of entrepreneurial activities across industries: Evidence from Italian NUTS-3 regions, *Small Business Economics*, Forthcoming.
2. Colombelli, A., D’Amico, E., Paolucci, E. and Ricci, R. (2018), Attività e modelli universitari di trasferimento tecnologico, *Economia e Società Regionale*, XXXVI (3).
3. Colombelli, A. and Quatraro, F. (2018), New firm formation and regional knowledge production modes: Italian evidence, *Research Policy*, [doi:10.1016/j.respol.2017.10.006](https://doi.org/10.1016/j.respol.2017.10.006).
4. Colombelli, A., Paolucci, E. and Ughetto, E. (2018), Hierarchical and relational governance and the life cycle of entrepreneurial ecosystems, *Small Business Economics*, doi.org/10.1007/s11187-017-9957-4.
5. Colombelli, A. and Quatraro, F. (2018), Green start-ups and local knowledge bases: Newborn suppliers of energy-related technologies in Italian Provinces, *Small Business*

Economics, [doi:10.1007/s11187-017-9934-y](https://doi.org/10.1007/s11187-017-9934-y).

6. Antonelli, C., Colombelli, A. (2017), The locus of knowledge externalities and the cost of knowledge, *Regional Studies*, 51(8), 1151-1164, [doi:10.1080/00343404.2017.1331294](https://doi.org/10.1080/00343404.2017.1331294).
7. Colombelli, A. (2016), The impact of local knowledge bases on the creation of innovative start-ups in Italy, *Small Business Economics*, 47 (2), 383–396, [doi:10.1007/s11187-016-9722-0](https://doi.org/10.1007/s11187-016-9722-0).
8. Colombelli, A., Krafft, J. and Vivarelli, M., (2016), To be born is not enough: The key role of innovative startups, *Small Business Economics*, 47 (2), 277–291 [doi:10.1007/s11187-016-9716-y](https://doi.org/10.1007/s11187-016-9716-y).
9. Antonelli C., Colombelli A. (2015), The knowledge cost function, *International Journal of Production Economics*, 168, 290-302, [doi:10.1016/j.ijpe.2015.06.031](https://doi.org/10.1016/j.ijpe.2015.06.031)
10. Antonelli C., Colombelli A. (2015), External and Internal Knowledge in the Knowledge Generation Function, *Industry and Innovation*, 22 (4), 273–298, [doi:10.1080/13662716.2015.1049864](https://doi.org/10.1080/13662716.2015.1049864).
11. Colombelli, A. (2015), Top management team characteristics and firms growth: evidence from a sample of listed companies, *International Journal of Entrepreneurial Behaviour & Research*, 21(1), 107-127, [doi:10.1108/IJEER-10-2013-0181](https://doi.org/10.1108/IJEER-10-2013-0181).
12. Cortese, C.G., Ghislieri, C., Molino, M., Mercuri, A., Colombelli, A., Cantamessa, M., Paolucci, E., Carossa, M., Carpaneto, A. (2015), Promuovere lo sviluppo delle start-up, *Sviluppo e Organizzazione*, 265, 69-78.
13. Colombelli, A., Krafft, J. and Quatraro, F., (2014), The emergence of new technology-based sectors at the regional level: a proximity-based analysis of nanotechnology, *Research Policy*, 43 (10), 1681-1696, [doi:10.1016/j.respol.2014.07.008](https://doi.org/10.1016/j.respol.2014.07.008).
14. Colombelli A. and Quatraro, F., (2014), The persistence of firms' knowledge base: A quantile approach to Italian data, *Economics of Innovation and New Technology*, 23 (7), 585-610, [doi:10.1080/10438599.2013.871164](https://doi.org/10.1080/10438599.2013.871164).
15. Auricchio M., Cantamessa M., Colombelli A., Cullino R., Orame A., Paolucci E., (2014), Gli incubatori d'impresa in Italia, *Questioni di Economia e Finanza*, No. 216, April 2014, Banca d'Italia.
16. Colombelli A., Krafft J., Quatraro F. (2014), High-growth firms and technological knowledge: do gazelles follow exploration or exploitation strategies?, *Industrial and Corporate Change*, 23 (1), 261-291, [doi:10.1093/icc/dtt053](https://doi.org/10.1093/icc/dtt053).
17. Colombelli A., Krafft J. e F. Quatraro (2013), Properties of knowledge base and firm survival: Evidence from a sample of French manufacturing firms, *Technological Forecasting and Social Change*, vol. 80, p. 1469-1483, [doi:10.1016/j.techfore.2013.03.003](https://doi.org/10.1016/j.techfore.2013.03.003).
18. Colombelli A., Haned N., Lebas C., (2013), On Firm Growth and Innovation. Some new empirical perspectives using French CIS surveys (1992-2004), *Structural Change and Economic Dynamics*, vol. 26, p. 14-26, [doi:10.1016/j.strueco.2013.03.002](https://doi.org/10.1016/j.strueco.2013.03.002).
19. Antonelli C., Colombelli A. (2011), Globalization and directed technological change at the firm level. the european evidence in Libecap G. (eds.) *Advances in the Study of Entrepreneurship, Innovation, and Economic Growth*, Vol 22, 1-20, Emerald, [doi:10.1108/S1048-4736\(2011\)0000022004](https://doi.org/10.1108/S1048-4736(2011)0000022004), Emerald Award for Excellence 2012.
20. Antonelli C., Colombelli A. (2011), The generation and exploitation of technological change: market value and total factor productivity, *The Journal of Technology Transfer*, 36 (4), 353-382, [doi:10.1007/s10961-010-9198-z](https://doi.org/10.1007/s10961-010-9198-z).
21. Colombelli A. (2010), Alternative Investment Market: A way to promote entrepreneurship, *Journal of Industry Competition and Trade*, 10 (3-4), 253-274, [doi:10.1007/s10842-010-](https://doi.org/10.1007/s10842-010-)

[0079-9](#).

22. Cassia L., Colombelli A. (2010), Growth factors in medium-sized enterprises: the case of an Italian region, *International Entrepreneurship and Management Journal*, 6 (4), 437-458, [doi:10.1007/s11365-009-0129-0](#).
23. Cassia L., Colombelli A., Paleari S. (2009), Firms growth: does the innovation system matter?, *Structural Change and Economics Dynamics*, 20 (3), 211-220, [doi:10.1016/j.strueco.2009.01.001](#).
24. Brioschi M. S., Cassia L., Colombelli A. (2009), Common Frameworks for Regional Competitiveness: Insights from a Number of Local Knowledge Economies, *Italian Journal of Regional Science (Rivista di Scienze Regionali)*, 8 (2), 19-43, [doi:10.3280/SCRE2009-002002](#).
25. Cassia L., Colombelli A. (2008), Do universities knowledge spillovers impact on new firm's growth? Empirical evidence from UK, *International Entrepreneurship and Management Journal*, 4 (4), 453-465, [doi:10.1007/s11365-008-0084-1](#).
26. Cassia L., Colombelli A., Paleari S. (2008), Regional transformation processes through the universities, institutions and industry relationship, *Industry and Higher Education*, 22 (2), 105-118, [doi:10.5367/000000008784139451](#).
27. Cassia L., Colombelli A. (2008), Orientamento imprenditoriale e crescita della media impresa, *Studi Organizzativi*, 2008 (1), 97-116.

BOOK CHAPTERS

1. Colombelli A., Orsatti G., Quatraro F. (2017), "Entrepreneurship, technological knowledge and industrial heterogeneity: Evidence from Italian NUTS3 regions" in Therin, Appio and Yoon (eds.) *Handbook on Techno-Entrepreneurial Ecosystems*, Edward Elgar, Cheltenham, forthcoming.
2. Cantamessa, M., Colombelli, A. (2016), "Il successo di una nuova impresa" in Cantamessa, M., Carpaneto, A., Cortese C. G. (eds.) *Creare startup di successo*, 54-68, Edizioni LSWR, ISBN: 9788868952785.
3. Colombelli, A., Molino, M. (2016), "L'imprenditoria come processo: dall'intenzione alla crescita" in Cantamessa, M., Carpaneto, A., Cortese C. G. (eds.) *Creare startup di successo*, 40-52, Edizioni LSWR, ISBN: 9788868952785.
4. Colombelli A., Foddi M., Paci R. (2013), "Scientific regions" in Capello R., Lenzi C. (eds.) *Territorial Patterns of Innovation an Inquiry on the Knowledge Economy in European Regions*. 43-69, Routledge, [doi:10.4324/9780203085660](#).
5. Colombelli A., Quatraro F. (2012), "The European Firm" in Dietrich M. and Krafft J. (eds.) *Handbook on the Economics and Theory of the Firm*, 209-226, Edward Elgar, Cheltenham, [doi:10.4337/9781848446489.00026](#).
6. Colombelli A., von Tunzelmann G.N. (2011), "The persistence of innovation and path dependence" in Antonelli C. (eds.) *The System Dynamics of Technological Change*, Edward Elgar, Cheltenham,.
7. Colombelli A. (2006), "Modelli di trasformazione territoriale: Lezioni per Torino?", in G. Russo, P. Terna (eds.) *Produrre a Torino*, Otto Editore, Torino.

OTHER PUBLISHED RESEARCH PAPERS AND REPORTS

1. Ciffolilli, A., Colombelli, A., Primeri, E. Reale, E. Scellato, G. et al. (2016) An analysis of the role and engagement of universities with regard to participation in the Framework Programmes, European Commission, [doi:10.2777/75945](#)
2. Colombelli A., Ferrero V. (2009), *Situazione e prospettive della cooperazione nei comparti della logistica, delle pulizie e del confezionamento*, Quaderno di ricerca n. 122, IRES Piemonte.

3. Cassia L., Colombelli A. (2008), “Orientamento imprenditoriale e rendimenti dei titoli azionari”, *Analisi Finanziaria*, 69, pp. 5-15.

SCIENTIFIC COMMITTEES AND ORGANIZATION OF SCIENTIFIC EVENTS

1. 2019 – Workshop on “Innovative start-ups and policy initiatives: heterogeneity, impact and implications” Turin, 17th – 18th January 2019, Local organiser and Member of the scientific committee.
2. 2019 - WICK annual meeting in “Economics of Innovation, Complexity, and Knowledge”, Turin, January 9-10, Member of the scientific committee.
3. 2018 – Special Track on “Exploring the Multi-Faceted Non-Economic Goals of Entrepreneurial Firms”, RSA AiIG, Castellanza, 11-11 October 2018. Organizer.
4. 2017 - WICK annual meeting in “Economics of Innovation, Complexity, and Knowledge”, Turin, December 19-20, Member of the scientific committee.
5. 2017 – KID Summer School on “Knowledge Dynamics, Industry Evolution and Economic Development”, Université de Nice Sophia Antipolis, Nice, July, 2017. Member of the scientific committee.
6. 2017 - Winter School Netval on “Student entrepreneurship”, Bardonecchia, 6-8 Marzo. Member of the organizing and scientific committee and Speaker.
7. 2016 – Special Track on “New approaches on innovative start-ups: heterogeneity, social embeddedness and strategic innovation”, RSA AiIG, Bergamo, 13-14 October 2016. Organizer.
8. 2016 - 13th European Network on the Economics of the Firm (ENEF) meeting on “Firms, technology and the quest for sustainable development”, University of Turin, Campus Luigi Einaudi, Turin, 15th and 16th September 2016. Organizer and member of the scientific committee.
9. 2016 – KID Summer School on “Knowledge Dynamics, Industry Evolution and Economic Development”, Université de Nice Sophia Antipolis, Nice, 10-16 of July, 2016. Member of the scientific committee.
10. 2016 – 5th GCW Conference on “Innovation, Employment and the Environment”, Ingenio - Spanish National Research Council (CSIC) and the Polytechnic University of Valencia (UPV), Valencia, 22-24 June 2016. Member of the scientific committee.
11. 2016 - 3rd Doctoral Workshop in “Economics of Innovation, Complexity and Knowledge”, Collegio Carlo Alberto, Turin, January 21-22, 2016. Member of the scientific committee.
12. 2015 - 23rd AiIG Summer School in Management Engineering on “Entrepreneurship”, Bressanone, 14-18 September 2015. Invited speaker.
13. 2015 – Conference on “The Governance of a Complex World”, Université de Nice Sophia Antipolis, 1-3 of July, 2015. Member of the scientific committee
14. 2015 – Summer School on “Knowledge Dynamics, Industry Evolution and Economic Development”, Université de Nice Sophia Antipolis, 6-12 of July, 2015. Member of the scientific committee
15. 2014 – Special Track on “Boosting Economic Growth: Entrepreneurship and Corporate Entrepreneurship in Manufacturing and Related Industries”, RSA AiIG, Bologna, 16-17 October 2014. Organizer
16. 2014 – Summer School on “Knowledge Dynamics, Industry Evolution and Economic Development”, Université de Nice Sophia Antipolis, 6-12 of July, 2014. Member of the scientific committee
17. 2014 – Special Track on “Innovative start-ups”, GCW Conference, Torino, 18-20 June 2014. Organiser and Member of the scientific committee
18. 2014 – Conference on “The Governance of a Complex World”, Torino, 18-20 June 2014. Organiser and Member of the scientific committee
19. 2013 – Summer School on “Knowledge Dynamics, Industry Evolution and Economic Development”, Université de Nice Sophia Antipolis, 7-13 of July, 2013. Member of the scientific committee
20. 2012 – Conference on “The Governance of a Complex World” Université de Nice Sophia Antipolis, 1-3 Novembre 2012. Member of the scientific committee

21. 2012 – Summer School on “Knowledge Dynamics, Industry Evolution and Economic Development”, Université de Nice Sophia Antipolis, 9-13 Luglio 2012. Invited Speaker and member of the scientific committee
22. 2007 - XV Scuola AiIG in Ingegneria Gestionale “Imprenditorialità, crescita delle imprese e del sistema economico”, Bressanone, 10-14 settembre 2007. Organizer and Invited speaker.

EDITORIAL ACTIVITIES

Editor: Regional Studies

Guest editor, special issue on “Innovative start-ups and policy initiatives”, *Research Policy*, forthcoming, (with David B. Audretsch, Luca Grilli, Tommaso Minola, and Einar Rasmussen)

Guest editor, special issue on “Small Business, Innovation, and Entrepreneurship”, *Small Business Economics* (2016), Volume 47, Issue 2 (with Jackie Krafft and Marco Vivarelli)

Editorial review board: Economics of Innovation and New Technology, Small Business Economics

Reviewer for: Economics of Innovation and New Technology, European Business Review, Eurasian Business Review, Industrial and Corporate Change, International Journal of Technology Management, International Small Business Journal, Journal of Engineering and Technology Management, International Journal of Entrepreneurial Behaviour & Research, Journal of Evolutionary Economics, Journal of Industrial and Business Economics, Journal of Technology Transfer, Management Decision, Research Policy, Small Business Economics, Structural Change and Economic Dynamics, Technological Forecasting and Social Change.

EVALUATION OF PROPOSALS

1. 2012 External reviewer of project proposals, MIUR, Italy – Bando PRIN 2012
2. 2015 External reviewer of project proposals, ORA (Open Research Area for the social sciences) scheme 2015, financed by ANR (France), DFG (Germany), ESRC (UK) and NWO (Netherlands).
3. 2017 External reviewer of project proposals, Fund for Scientific Research – FNRS (F.R.S.-FNRS) – Belgium 2017

INSTITUTIONAL OFFICES

1. 2016 – present Technical Assessors at the I3P (the incubator of Politecnico di Torino), nominated with rectoral decree 21/12/2016, prot. N. 19335/VII.5.
2. 2018 – present Member of the Board of Examiners, “Ermanno Borio” Prize, Collegio Universitario Renato Einaudi.
3. AY 2015-2016 present Member, Communication committee, Department of Management and Production Engineering – (DIGEP), Politecnico di Torino.
4. AY 2015 – 2016 present Responsible for Extra-EU students, International mobility committee, School of Engineering and Management, Politecnico di Torino.
5. AY 2012 – 2013 present Member, Communication committee, School of Engineering and Management, Politecnico di Torino.
6. AY 2012 – 2013 Board member (membro del Collegio), PhD Programme in Management, Production and Design, Politecnico di Torino.
7. AY 2011 – 2012 Member, Timetable of courses committee, School of Engineering and Management, Politecnico di Torino.

January, 2019