

CURRICULUM VITAE

DAVIDE CONSOLI



EDUCATION

- 2001-2004 Ph.D. Economics of Innovation
University of Manchester (UK)
- 2000-2001 M.A. Economics
University of Manchester (UK)
- 1994-1999 First Honours Degree Economics
University of Catania (IT)

PROFESSIONAL POSITIONS

- 2012-to date Research Fellow (tenured)
INGENIO (CSIC-UPV), Valencia (ES)
- 2010-2012 Senior Research Fellow/Senior Lecturer (tenured)
Manchester Business School (UK)
- 2005-2010 Research Fellow/Lecturer
Manchester Business School (UK)
- 2002-2005 Research Assistant
Centre for Research on Innovation and Competition, Manchester University (UK)
- 2001-2004 Teaching Assistant
School of Economic Studies, University of Manchester (UK)

EXTERNAL APPOINTMENTS

- 2020-2021 Visiting Professor
Economics Department, U. of Turin (IT)
- 2017-2020 Visiting Fellow
Centre for Technology, Innovation and Culture (TIK), Univ. Oslo (NW)
- 2014-2015 Visiting Fellow
Sciences Po, Nice (FR)
- 2013-2014 Visiting Fellow
Earth Institute, Columbia University (US)
- 2012-2018 Associate Fellow
U. of Manchester (UK)
- 2010-to date External affiliate
BRICK, Collegio Carlo Alberto (IT)
- 2007-2010 Visiting Fellow
Earth Institute, Columbia Univ. (US)
- 2007-2008 Visiting Fellow
Universidad de Castilla-La-Mancha (ES)
- 2006-2007 Visiting Fellow
Department of Economics, U. of Turin (IT)
- 2005-2006 Visiting Fellow
Urban and Regional Studies Group (SENTE), U. Tampere (FN)

PUBLICATIONS

Articles in refereed journals

- Consoli, D., Fusillo, F., Orsatti, G., Quatraro, F. (2021) Skill endowment, routinisation and digital technologies: Evidence from U.S. Metropolitan Areas. *Industry & Innovation* (Forthcoming).
- Elche, D., Consoli, D., Sánchez-Barrioluengo, M. (2021). From brawn to brains: manufacturing-KIBS interdependency". *Regional Studies* (Online First).
- Castellacci, F., Consoli, D., Santoahla, A. (2020) The Role of E-skills in Technological Diversification in European Regions. *Regional Studies* 54(8): 1123-1135.
- Barbieri, N., Perruchas, F., Consoli, D. (2020) Specialization, diversification and environmental technology life-cycle. *Economic Geography* 96(2): 161-186.
- Perruchas, F., Consoli, D., Barbieri, N. (2020) Specialization, diversification and the ladder of green technology development. *Research Policy* 49(3).
- Orsatti, G., Perruchas, F., Consoli, D., Quatraro, F. (2020) Public Procurement, local labour markets and green technological change: Evidence from US Commuting Zones. *Environmental and Resource Economics* 75: 711–739.
- Vona, F., Marin, G., Consoli, D. (2019) Measures, Drivers and Effects of Green Employment: Evidence from US Local Labor Markets, 2006-2014. *Journal of Economic Geography* 19(5): 1021–1048.
- Barbieri, N., Consoli, D. (2019) Regional diversification and green employment in US Metropolitan Areas. *Research Policy* 48(3): 693-705.
- Consoli, D., Sánchez-Barrioluengo, M. (2019) Polarization and the growth of low-skill service jobs in Spanish Local Labour Markets. *Journal of Regional Science* 59(1): 145-162.
- Sbardella, A., Perruchas, F., Napolitano, L., Barbieri, N., Consoli, D. (2018) Green Technology Fitness. *Entropy* 20: 776.
- Roy, I., Consoli, D. (2018) Employment Polarization in Germany: Role of Technology, Trade and Human Capital. *The Indian Journal of Labour Economics*, 61(2): 251-279.
- Vona, F., Marin, G., Consoli, D., Popp, D. (2018) Environmental Regulation and Green Skills: An Empirical Exploration. *Journal of the Association of Environmental and Resource Economists* 5(4): 713-753.
- Matti, C., Consoli, D., Uyarra, E. (2017) Multi-level policy mixes and industry emergence: the case of wind energy in Spain. *Environment & Planning C: Government & Policy* 35(4): 661-683.
- Sánchez-Barrioluengo, M., Consoli, D. (2016) Regional Human Capital and University Orientation: a case study on Spain. *Science and Public Policy* 43(6): 798-811.
- Consoli, D., Vona, F., Rentocchini, F. (2016) That was then, this is now: Skills and Routinization in the 2000s. *Industrial and Corporate Change* 25(5): 847-866.
- Consoli, D., Marin, G., Marzucchi, A., Vona, F. (2016) Do green jobs differ from non-green jobs in terms of skills and human capital? *Research Policy* 45(5): 1046-1060.
- Azagra-Caro, J., Consoli, D. (2016) Knowledge flows, the influence of national R&D structure and the moderating role of public–private cooperation. *Journal of Technology Transfer* 41(1):152-172.
- Vona, F., Consoli, D. (2015) Innovation and Skill Dynamics: a life-cycle approach. *Industrial and Corporate Change* 24(6): 1393-1415.
- Consoli, D., Rentocchini, F. (2015) A Taxonomy of Multi-Industry Labour Force Skills. *Research Policy* 44(5): 1116-1132.
- Consoli, D., Elche, D. (2014) An analysis of the knowledge base of Scientific Research & Development Business Services. *R&D Management* 44(4): 341-354.

- D'Ippolito, B., Miozzo, M., Consoli, D. (2014) Knowledge systematisation, reconfiguration and the organisation of firms and industry: the case of design. *Research Policy* 43(8): 1334-52.
- Ramlogan, R., Consoli, D. (2014) Dynamics of Collaborative Research Medicine: the case of glaucoma. *Journal of Technology Transfer* 39(4): 544-566.
- Consoli, D., Vona, F., Saarivirta, T. (2013) An empirical study on the Graduate Labour Market in Finland. *Regional Studies* 47(10): 1634-1652.
- Consoli, D., Elche-Hortelano, D. (2013) The Evolving Knowledge base of Professional Service sectors. *Journal of Evolutionary Economics* 23(2): 477-501.
- Barberá-Tomas, D., Consoli, D. (2012) Whatever works: uncertainty and technological hybrids in medical innovation. *Technology Forecasting & Social Change* 79(5): 932-948.
- Consoli, D., Ramlogan, R. (2012) Patterns of organization in the development of medical know-how: case of glaucoma research. *Industrial & Corporate Change*, 21(2): 315-343.
- Nelson, R.R., Consoli, D. (2010) An Evolutionary theory of household consumption behaviour. *Journal of Evolutionary Economics* 20(5): 665-687.
- Consoli, D., Elche-Hortelano, D. (2010) Variety in the Knowledge base of Business Service sectors. *Research Policy*, 39: 1303-1310.
- Consoli, D., Mina, A. (2009) An Evolutionary perspective on Health Innovation Systems. *Journal of Evolutionary Economics* 19(2): 297-319.
- Consoli, D. (2008) Systems of innovation and industry evolution: the case of retail banking in the UK. *Industry & Innovation* 15(6): 579-600.
- Consoli, D. (2008) Co-evolution of capabilities and preferences in the adoption of new technologies. *Technology Analysis & Strategic Management* 20(4): 409-425.
- Consoli, D., Ramlogan, R. (2008) Out of sight: problem sequences and epistemic boundaries of medical know-how on glaucoma. *Journal of Evolutionary Economics* 18(1): 31-56.
- Consoli, D., Patrucco, P.P. (2008) Innovation Platforms and the Governance of Knowledge in Italy and the UK. *Economics of Innovation and New Technology* 17(7): 701-718.
- Consoli, D. (2007) Services and systemic innovation: a cross-sectoral analysis. *Journal of Institutional Economics* 3(1): 71-89.
- Consoli, D. (2005) The dynamics of technological change in UK retail banking services: an evolutionary perspective. *Research Policy* 34: 461-480.
- Consoli, D. (2005) Technological cooperation, product substitution in UK retail banking: the case of consumer services. *Information Economics and Policy* 17(2): 199-216.

Books

- Consoli, D., Mina, A., Nelson, R.R., Ramlogan, R. (Eds) (2015) *Medical Innovation: Science, Technology and Practice*. Routledge.

Book Chapters

- Matti, C., Consoli, D. (2015) The Emergence of Wind Energy in Spain: a Review of the Policy Mix. In: Crespi, F., Quatraro, F. (Eds) *The Economics of Knowledge, Innovation and Systemic Technology Policy*. Routledge.
- Consoli, D., Elche, D., Rullani, F. (2014) Employment and skill configurations in KIBS sectors: a longitudinal analysis. In: Agarwal, R., Selen, W., Roos, G. and Green, R. (Eds) *Handbook of Service Innovation*. Springer-Verlag.
- Saarivirta T., Consoli, D. (2014) Where Did They Go? A Study on Newly Established Universities and Graduate Mobility in Finland. In: Patrucco, P.P. (Ed) *The Economics of Knowledge Production and Distribution*. Routledge.
- Consoli, D. (2011) Bounded Rationality and Keynesian Demand Management. In: Southerton, D. (Ed) *The Encyclopedia of Consumer Culture*. SAGE.

- Consoli, D., Patrucco, P.P. (2011) Complexity and the Coordination of Technological Knowledge: the case of Innovation Platforms. In: Antonelli, C. (Ed) *Handbook of the Economic Complexity of Technological Change*. Edward Elgar.
- Consoli, D., McMeekin, A., Metcalfe, J.S., Mina, A., Ramlogan, R. (2009) The Process of Innovation: Incentives, Behaviour and Organization. In: Costa-i-Font, J., Courbage, C. and McGuire, A. (Eds) *The Economics of New Health Technologies: Incentives, Organisation and Financing*, Oxford University Press.
- Consoli, D., Patrucco, P.P. (2009) Innovation Platforms and Knowledge Governance, in: Link, A., Antonelli, C. (Eds) *Technology Infrastructure*. Routledge.

Monographs and reports

- Barbieri, N., Perruchas, F., Consoli, D. (2019) “Eco-Innovazione, Diversificazione e Competitività Internazionale”. [Italian Trade Agency \(ICE\) Annual Report](#).
- Sánchez-Barrioluengo, M., Consoli, D. (2019) “Midiendo la contribución de la educación superior a la capacidad innovadora en Europa: puntos de convergencia y nuevos enfoques”. [Fundación CyD Annual Report](#).
- Consoli, D., D’Este, P., Perruchas, F. (2017) *Biomaterials Stakeholders and Research in Europe*. [European Society for Biomaterials](#).
- Lykogianni, E., Benneworth, P., Marzocchi, C., Uyarra, E., Sánchez-Barrioluengo, M., Consoli, D. (2017) [Measuring the contribution of higher education to innovation capacity in the EU](#). Directorate-General for Education and Culture, European Commission.
- Tether, B.S., Mina, A., Consoli, D., Gagliardi, D. (2005) [How does successful innovation impact on demand for skills and how do skills drive Innovation?](#) UK Department of Trade and Industry.

Invited Columns

- Vona, F., Marin, G., Consoli, D. “[What are Green Jobs, and where are they?](#)”, *LSE Business Review*, 20 Oct 2018.
- Consoli, D., Marin, G., Popp, D., Vona, F. “[Green Skills](#)” *VoxEU.org*, 22 May 2015.

Book Reviews

- Consoli, D. (2014) Innovation: myths and prospects [*The Entrepreneurial State* by M. Mazzucato] *Science* 345: 883.
- Consoli, D. (2008) Localized Technological Change: towards the economics of complexity [by C. Antonelli] *Technology Analysis and Strategic Management* 21(2).

EXTRAMURAL FUNDING

Principal Investigator

- 2017-2020 Diversification, knowledge and the Green revolution
Plan Estatal de Investigación, Desarrollo e Innovación
Ministerio de Economía, Industria y Competitividad (ES)
- 2014-2016 Contribution of higher education on innovation capacity in EU
European Commission, DG Education and Culture
- 2011-2015 Policy Incentives for the Creation of Knowledge
European Commission, 7th Framework Programme
- 2009-2011 Knowledge Networks and Medical Innovation
European Commission, 7th Framework Programme
- 2009-2010 The Dynamics of Medical Innovation
Leverhulme Foundation (UK)
- 2007-2008 Organizing Service Innovation in Health-Care
TRUSTECH, National Health Service (UK)

2006-2008 Measuring the diffusion of Embedded Systems
European Commission, 7th Framework Programme

Team Member

2019-2020 Trade and Climate Change: an energy-economic modelling approach
European Commission, DG Trade

2016-2023 Oslo Institute for Research on the Impact of Science
Norway Research Council

2017-2018 Investigating the Impact of the Innovation Union
European Commission, H2020

2016-2017 Research Translation in Europe: the case of Biomaterials
European Society for Biomaterials

2015-2017 Academic knowledge flows: transmission channels and individual features
Valencian Community Council (Generalitat Valenciana, ES)

2012-2014 Knowledge exchange across firms, university and public administration
Valencian Community Council (Generalitat Valenciana, ES)

2012-2013 Scientific research networks and technological discoveries
Ministry for Science and Innovation (ES)

2009-2011 Innovation for Sustainable Production and Distribution
Sustainable Consumption Institute (UK)

2007-2010 University Hospitals as Platforms for Medical Innovations
Academy of Finland (FN)

2007-2008 Impact of Research and Innovation Networks on Regional Competitiveness
Economic and Social Research Council (UK)

2005-2007 The design and management of network services
Piedmont Consortium for Information Systems (IT)

2004-2005 The relationship between Innovation and Skills
Department of Trade and Industry (UK)

2004-2006 Innovative Health Technologies
Economic and Social Research Council and Medical Research Council (UK)

2003-2005 Cross-regional analysis of technological performance in North-West Italy
Fondazione Rosselli (IT)

2002-2003 Business Services: contribution to growth and productivity in EU
European Commission, 6th Framework Programme

POSTGRADUATE SUPERVISION (*First job placement*)

2016-2019 François Perruchas – INGENIO (CSIC-UPV)
INGENIO (CSIC-UPV)

2011-2013 Mabel Sánchez-Barrioluengo – INGENIO (CSIC-UPV)
Joint Research Center (JRC), European Commission

2010-2013 Cristian Matti – INGENIO (CSIC-UPV)
Climate Knowledge and Innovation Community (Climate-KIC)

2009-2012 Beatrice D'Ippolito – Manchester Business School (UK)
York Management School (UK)

2005-2008 Adrian T.H. Kuah – Manchester Business School (UK)
University of Bradford (UK)

HONOURS AND GRANTS

- 2016-2017 UAM Accenture Prize (finalist)
Universidad Autonoma de Madrid (ES)
- 2015-2016 Jose Castillejo Mobility Grant
Ministry of Education and Culture (ES)
- 2012-2017 Ramon y Cajal Fellowship
Ministry of Industry and Economy (ES)
- 2009-2011 Marie Curie Intra-European Fellowship
European Commission, 7th Framework Programme
- 2009-2010 Research Fellowship
Leverhulme Trust (UK)
- 2005-2008 Postdoctoral Research Fellowship
U. of Manchester (UK)
- 2001-2004 Doctoral Studies Fellowship
Economic and Social Research Council (ESRC, UK)

EVENT ATTENDANCE, INVITED TALKS

- 2019-2020 5th Geography of Innovation, U. of Stavanger
- 2018-2019 “Geography of Innovation, Environment and Resilience”, U. of Turin
30th EAEPE, U. of Nice
“Innovation, Employment and Wages”, Young Foundation, London
- 2017-2018 “Financing Innovation in a Turbulent World”, CNR Rome
4th Geography of Innovation, U. of Barcelona
Lunch seminar: TIK, U. of Oslo
- 2016-2017 “Trade, Innovation and the Changing Nature of Jobs”, OFCE Nice
Doctoral Workshop (Keynote): Collegio Carlo Alberto, Turin
- 2015-2016 American Economic Association (AEA): San Francisco
EURKind: INGENIO, Valencia
SPRU 50th Anniversary: U. of Sussex, Brighton
3rd Geography of Innovation: U. of Toulouse
- 2014-2015 EURKind: GREDEG (CNRS) Nice
Doctoral Workshop (Keynote): CNRS & Gredeg, Nice
Regional Studies Association: U. of Piacenza
“Explaining Economic Change”: U. of Rome
Regional Innovation Policies: Stavanger Univ.
- 2013-2014 International Schumpeter Society (ISS): Jena
Academy of Management: Philadelphia
European Academy of Management: U. of Valencia
EU-SPRI: Manchester - **‘Best Conference Paper’ prize**
EURKind Conference: Collegio Carlo Alberto, Turin
“Consequences for Inequality”: Inst. Employment Research, Nuremberg
- 2012-2013 R&D Management: U. of Manchester
DRUID: U. of Barcelona
EMAE: SKEMA Business School, U. of Nice
Seminar Dipartimento di Economia e Statistica: U. of Turin
EU-SPRI: Madrid (ES)
- 2011-2012 EURKind: GREDEG (CNRS) Nice
24th EAEPE: U. of Vienna
DRUID: Copenhagen Business School

- 2010-2011 Annual Institute of Medicine: Mount Sinai Medical Center, New York
 ACEDE: U. of Barcelona
 British Academy of Management: Aston Univ.
 EMAEE: Sant'Anna School of Advanced Studies, Pisa
 DIME: UNU-MERIT, Maastricht Univ.
- 2009-2010 "Innovation & Inequality": Sant'Anna School of Advanced Studies
 Iberian International Business: Univ. Autònoma de Barcelona
 Stan Metcalfe Festschrift: U. of Manchester
Grand Rounds Seminars: Mount Sinai Medical Centre: New York
 DRUID Conference: Copenhagen Business School
- 2008-2009 INGENIO (CSIC-UPV) Seminar series: Valencia
 RESER: Budapest
"Technology, Skills and Geography": SPRU U. of Sussex, Brighton
 ACEDE: U. of Castilla-La Mancha, Toledo (ES)
"Performance, Skills and Competences": Instituto Univ. de Lisboa
- 2007-2008 DRUID: Copenhagen Business School
 Seminar Urban and Regional Studies Group SENTE: U. of Tampere
"Innovation in Knowledge-Intensive Industries": Collegio Carlo Alberto
- 2006-2007 EMAEE: Manchester Metropolitan Univ.
 ERGICHCS Innovation in Health Systems: Budapest
"Network Services": CIS Piedmont, Turin
- 2005-2006 ProAct Innovation Conference: U. of Tampere
"Technology, Innovation and Change in Healthcare" Symposium: Geneva
 SPRU 40th Anniversary: U. of Sussex, Brighton
"Health-Care Innovation": Warwick Univ.
- 2004-2005 DRUID: Copenhagen Business School
- 2003-2004 DRUID Winter: Aalborg
 International Schumpeter Society (ISS): Bocconi Univ., Milan
- 2002-2003 EAEPE: Maastricht
 ASEAT: U. of Manchester

EVENT ORGANISATION

- 2017-2018 "Science, Technology and Innovation: New challenges and practices"
Co-organiser, 4th EU-SPRI Early Career Research Conference, Valencia (ES)
 "The Impact of Innovation on Local Labour Markets"
Co-organiser, Special Session at EAEPE Conference, Nice (FR)
 "The Impact of Innovation on Local Labour Markets"
Co-organiser, Special Session at GEOINNO Conference, Barcelona (ES)
- 2015-2016 "Innovation, Employment and the Environment"
Main organiser, EURKIND Conference, Valencia (ES)
- 2013-2014 "Skills, innovation and employment: evidence and policy"
Co-organiser, Special Session at EU-SPRI Conference, Manchester (UK)
- 2012-2013 "Science, Technology and Innovation: New challenges and practices"
Co-organiser, 1st EU-SPRI Early Career Research Conference, Valencia (ES)

TEACHING

As member of staff

- 2005-2010 *International Competitiveness & Technical Change*
3 UG: Bachelor Business Administration – University of Manchester (UK)
- 2001-2004 *Applied Economics*
3 UG: Bachelor Economics – Victoria University of Manchester (UK)
- Microeconomics*
1 UG: Bachelor Economics – Victoria University of Manchester (UK)

By Invitation

- 2008-2018 Master in Firm Strategy and Marketing – U. de Castilla-La Mancha (ES)
Knowledge Intensive Business Services; Technology and Employment; Innovation Systems of Innovation; Foundations of Network Analysis
- 2012-2013 Master in International Economics – U. Autonoma de Madrid (ES)
Systems of Innovation; Foundations of Network Analysis
- 2010-2011 Master in Health Policy, Columbia University (USA)
Network Analysis and Medical Innovation
- 2007-2008 Doctoral Program in Local Economic Development. U. of Tampere (FI)
Network Analysis and Medical Innovation

SERVICE

Expert Advisory Group

- 2018-to date Member of the H2020 Programme Committee, Spanish National Delegation.
DG Research & Innovation, European Commission – Societal Challenge 6
“Europe in a changing world: Inclusive, innovative and reflective societies”

Reviewer for Funding Bodies

- 2005-to date Economic and Social Research Council (UK)
- European Commission (H2020, 7th Framework Programme)
- National Science Foundation (US)
- Austrian Science Foundation (AT)
- Academy of Finland (FN)
- ANVUR (IT)

Journal Referee

Applied Economics, Cambridge J. of Economics, Ecological Economics, Economics of Innovation and New Technology, European Academy of Management Review, Industrial and Corporate Change, Industry and Innovation, Information Economics and Policy, International J. of Technology Transfer, J. of Economic Psychology, J. of Economic Surveys, J. of Evolutionary Economics, J. of Institutional Economics, PLOS ONE, R&D Management, Regional Studies, Research Policy, Scandinavian J. of Educational Research, Science and Public Policy, Technology Analysis & Strategic Management

PROFESSIONAL SKILLS

Languages

Italian (Native), English (Written & Oral: Proficient), Spanish (W&O: Proficient)

Research

Statistical Analysis (SPSS, STATA); Network Analysis (Pajek, Ucinet); MS SQL Server and MS Access; Script Languages (PHP, Perl)