

CV Fulvio Castellacci

Born in Rome, July 1972

Professor, Head of Department
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Current positions

Professor, Department of International Economics, Norwegian Institute of International Affairs (NUPI), since 2009.

Head of Department, Department of International Economics, Norwegian Institute of International Affairs (NUPI), since 2007.

Professor II, Centre for Technology, Innovation and Culture (TIK), University of Oslo, since 2012.

Previous positions

Senior Research Fellow, Department of International Economics, Norwegian Institute of International Affairs (NUPI), 2006 –2007.

Postdoctoral Researcher, TIK Centre, University of Oslo, 2004 –2006.

PhD student, TIK Centre, University of Oslo, 2000 –2004.

Studies

PhD in Economics, University of Rome La Sapienza
Title: *Empirical Studies on Innovation, Structural Change and Economic Growth*
Date of award: 16 June 2005. Supervisor: Professor P. Piacentini.

PhD in Innovation Studies, TIK Centre, University of Oslo
Title: *Innovation and Economic Growth in Europe: Evolutionary Perspectives*
Date of award: 22 September 2004. Supervisor: Professor J. Fagerberg.

Master in Quantitative Methods for Economics, University of Rome Tor Vergata, 2000.
Grant awarded for the results of the final examinations.

Laurea (Summa cum laude) in Economics, University of Rome La Sapienza, 1998.

Awards

Research Prize, Norwegian Institute of International Affairs (NUPI), November 2009. [\[Link\]](#)

Best Paper Award, Globelics Academy, May 2011, for the article: Castellacci, F. and Natera, J.M. (2011): “The dynamics of national innovation systems: a panel cointegration analysis of the coevolution between innovative capability and absorptive capacity”. [\[Link\]](#)

Teaching Prize, ESST Master Programme, University of Oslo, November 2005. [\[Link\]](#)

Research projects: acquisition and coordination

1. “Innovation and Defence Industrial Policy: Creating a Common Strategy for Institutions with Different Goals and Approaches to Policy Making” (INNDEF, 2010-2012). Project funded by the *Norwegian Research Council* (Total grant: 257 000 Euros). Project coordinator. [\[Link\]](#)

2. “Barriers to Entry, Internationalization and Technology” (BITE, 2007-2011). Project funded by the *Norwegian Research Council* (Total grant: 642 000 Euros). Project coordinator. [\[Link\]](#)

3. “Innovation and Competitiveness of Nordic Services” (ICONS, 2006-2009). Project funded by the *Nordic Innovation Centre* (Total grant: 257 000 Euros). Project coordinator. [\[Link\]](#)

4. “Technology, Economic Change, Heterogeneity and Internationalization in Latin America” (TECH-I-LA). Project funded by the *Norwegian Research Council* (Total grant: 52 000 Euros). Project coordinator. [\[Link\]](#)

5. “Technological Regimes, Schumpeterian Patterns of Innovation and the Internationalization of Industrial Sectors” (2008-2009). Scholarship funded by the *P.M. Røwdes Stiftelse* (Total grant: 26 000 Euros). Project coordinator. [\[Link\]](#)

Refereeing activities

Journal of Economic Growth; World Development; Research Policy; Industrial and Corporate Change; Regional Studies; Review of Income and Wealth; Review of Industrial Organization; Structural Change and Economic Dynamics; Economics of Innovation and New Technology; Journal of Evolutionary Economics; Technological Forecasting and Social Change; Technovation; Review of Economics and Institutions; International Journal of Technology Management; International Journal of Technological Learning, Innovation and Development; Innovation, Management, Policy and Practice; Journal of Industry, Competition and Trade; Journal of Economic Issues; Journal of International Economics and Finance; Review of International Organisations; Review of Political Economy; Tijdschrift voor Economische en Sociale Geografie; DRUID Conference (2006-2012); International Schumpeter Society Conference (2010).

Editorial activities

Associate Editor, [Review of Economics and Institutions](#), since March 2010.

Editorial Board member, [Innovation and Development](#), since January 2011.

Presentations at international conferences, workshops and seminars

Peer-reviewed conference presentations

International Schumpeter Society Conference (Sophia-Antipolis, June, 2006; Aalborg, June 2008)
DRUID Conference (Copenhagen Business School, 2001, 2002, 2006, 2008, 2007)
Globelics Network Conference (Beijing, October 2004. Mexico City, September 2008)
ZEW “The Economics and Econometrics of Innovation” (Manheim, Germany, June 2009)
GARNET EU Network of Excellence Conference (Rome, November 2009)
DIME EU Network of Excellence Conference (Strasbourg, April 2008)
PRIME EU Network of Excellence Conference (Oslo, May 2008)
DIME EU Network of Excellence Workshop (Lund, April 2006)
DIME EU Network of Excellence Workshop (Wien, February 2006)
UNU-WIDER Conference (Helsinki, June 2005)
EMAEE Conference (Augsburg, April 2003)
ETIC EU Network Final Conference (Strasbourg, October 2001)

Project workshop presentations

European Science Foundation Workshops (Oslo, March 2003; Lund, January 2008)
Micro-Dyn Project Workshops (Madrid, September 2009; Vienna, May 2009 and April 2007)
ICONS Project Workshops (Oslo, March 2007, March 2008 and May 2008)
IPP Project Workshops (Copenhagen, April 2004; Oslo, March 2007)
Macrotec Project Workshop (Madrid, March 2002)

Invited seminar presentations

Seminar series, Department of International Economics and Business, University of Groningen, (November 2008); Seminar series, Max Planck Institute for Economics, Jena (October 2008)

Organization of events

Two international workshop on “Barriers to Entry, Internationalization and Technology”, Oslo (December 2009, January 2011)
Three international workshops on “Innovation and the International Competitiveness of Nordic Services”, Oslo (March 2007, November 2007, May 2008)
Workshop on “Innovation, Trade and Growth in Latin America” (Oslo, November 2008)
Seminar Series on International Economics, Department of International Economics, Norwegian Institute of International Affairs (2007-2011)

Publications

Articles in international peer-reviewed Journals

1. Castellacci, F. (2011): “Closing the technology gap?”, *Review of Development Economics*, 15 (1): 180-197. [[Link](#)]
2. Castellacci, F. (2011): “How does competition affect the relationship between innovation and productivity? Estimation of a CDM model for Norway”, *Economics of Innovation and New Technology*, 20 (7): 637-658. [[Link](#)]
3. Castellacci, F. and Natera, J. M. (2011): “A new panel dataset for cross-country analysis of national systems, growth and development”, *Innovation and Development*, 1 (2): 205-226. [[Link](#)]
4. Castellacci, F. (2010): “Structural change and the growth of industrial sectors: Empirical test of a GPT model”, *Review of Income and Wealth*, 56 (3): 449–482. [[Link](#)]
5. Castellacci, F. and Zheng, J. (2010): “Technological regimes, Schumpeterian patterns of innovation and firm-level productivity growth”, *Industrial and Corporate Change*, 19 (6): 1829-1865. [[Link](#)]
6. Castellacci, F. (2010): “The internationalization of firms in the service industries: Channels, determinants and sectoral patterns”, *Technological Forecasting and Social Change*, 77 (3): 500-513. [[Link](#)]
7. Castellacci, F. (2009): “The interactions between national systems and sectoral patterns of innovation: A cross-country analysis of Pavitt’s taxonomy”, *Journal of Evolutionary Economics*, 19: 321-347. [[Link](#)]
8. Castellacci, F. (2008): “Technological Paradigms, Regimes and Trajectories: Manufacturing and Service Industries in a New Taxonomy of Sectoral Patterns of Innovation”, *Research Policy*, 37: 978-994. [[Link](#)]
9. Castellacci, F. (2008): “Innovation in Norway in a European Perspective”, *Nordic Journal of Political Economy*, 34: 1-43. [[Link](#)]
10. Castellacci, F. and Archibugi, D. (2008): “The technology-clubs: The Distribution of Knowledge Across Nations”, *Research Policy*, 37, 1659-1673. [[Link](#)]
11. Castellacci, F. (2008): “Technology clubs, technology gaps and growth trajectories”, *Structural Change and Economic Dynamics*, 19 (4): 301-314. [[Link](#)]
12. Castellacci, F. (2008): “Innovation and the competitiveness of industries: Comparing the mainstream and the evolutionary approaches”, *Technological Forecasting and Social Change*, 75: 984-1006. [[Link](#)]
13. Castellacci, F. (2007): “Technological regimes and sectoral differences in productivity growth”, *Industrial and Corporate Change*, 16 (6): 1105-1145. [[Link](#)]
14. Castellacci, F. (2007): “Evolutionary and new growth theories. Are they converging?”, *Journal of Economic Surveys*, 21 (3): 585-627. [[Link](#)]
15. Castellacci, F. (2006): “A critical realist interpretation of evolutionary growth theorizing”, *Cambridge Journal of Economics*, 30 (6): 861-880. [[Link](#)]
16. Castellacci, F. (2006): “Innovation, diffusion and catching up in the fifth long wave”, *Futures*, 38 (7): 841-863. [[Link](#)]
17. Castellacci, F. and Alvarez, I. (2006): “Innovation, diffusion and cumulative causation: Changes in the Spanish growth regime, 1960-2001”, *International Review of Applied Economics*, 20 (2): 223-241. [[Link](#)]
18. Castellacci, F., Grodal S., Mendonca S., and Wibe M. (2005): “Advances and challenges in Innovation Studies”, *Journal of Economic Issues*, 39 (1): 91-121. [[Link](#)]

19. Castellacci, F. (2004): “A neo-Schumpeterian approach to why growth rates differ”, *Revue Economique*, 55 (6): 1145-1169. [\[Link\]](#)

20. Cappelen A., Castellacci, F., Fagerberg J. and Verspagen, B. (2003): “The impact of regional support on growth and convergence in the European Union”, *Journal of Common Market Studies*, 41 (4): 621-644. [\[Link\]](#)

21. Castellacci, F. (2002): “Technology-gap and cumulative growth: models and outcomes”, *International Review of Applied Economics*, 16 (3): 333-346. [\[Link\]](#)

Articles submitted and under revision

22. Castellacci, F. (2011): “Service firms heterogeneity, international collaborations and export participation”, submitted. [\[Link\]](#)

23. Castellacci, F. (2011): “Service innovation and the proximity-concentration trade-off model of trade and FDI”, submitted. [\[Link\]](#)

24. Castellacci, F. (2011): “The determinants of firms internationalization in services: How do they differ across the four GATS modes?”, submitted.

25. Castellacci, F. and Natera, J.M. (2011): “The dynamics of national innovation systems: a panel cointegration analysis of the coevolution between innovative capability and absorptive capacity”, revise-and-re-submitted. [\[Link\]](#)

26. Castellacci, F. and Fevolden, A. (2011): “What Explains the Export Performance of Firms in the Defence Industry? Empirical Evidence from Norway”, submitted.

27. Blom, M., Castellacci, F. and Fevolden, A. (2011): “Defence Firms Facing Liberalization: Innovation and Export in an Agent-based Model of the Defence Industry”, submitted.

28. Castellacci, F., Los, B. and de Vries, G. (2011): “Sectoral productivity trends: Convergence islands in oceans of divergence”, submitted. [\[Link\]](#)

Book chapters

29. Castellacci, F. (2012): “Firms Internationalization in the Service Industries: Evidence for Norway”, in Hveem, H. and C.H. Knutsen (Eds.): *Technology, Innovation and Governance*, Edward Elgar, in press.

30. Castellacci, F. (2011): “Technology, heterogeneity and international competitiveness: Insights from the mainstream and evolutionary economics paradigms”, in Jovanovic, M. (ed.), *International Handbook of Economic Integration*, Edward Elgar.

31. Castellacci, F., Clausen, T. Nås, S. O. and B. Verspagen (2009): “Historical fingertips? A taxonomy of Norwegian innovation”, in Fagerberg, J., Mowery, D. and Verspagen, B. (eds.), *Innovation, Path-dependency and Policy: the Norwegian Case*, Oxford University Press.

32. Castellacci, F. (2008): “Evolutionary and new growth theories. Are they converging?”, in George, D. (ed.), *Issues in Heterodox Economics*, Blackwell Publishing.

33. Cappelen A., Castellacci, F., Fagerberg J. and Verspagen, B. (2003): “Regional disparities in income and unemployment in Europe”, in Fingleton B. (eds.), *European Regional Growth*, Springer-Verlag.

Teaching activities

PhD level

Teaching at the PhD Summer School on *Innovation Systems, Globalisation and Economic Development*, Globelics Academy, Technical University of Lisbon, May 2006.

Supervision and Evaluation of PhD theses: Jose' Miguel Natera, University Complutense, Madrid, Spain (2010-2013); Johanna Nahlinder, University of Linköping, Sweden (2005); Dora Luz Gonzalez Bañales, University of Valencia, Spain (2007); Koson Sappasert, University of Oslo (2009).

Evaluation of PhD applicants, Member of PhD selection Committees: Department of International Economics, Norwegian Institute of International Affairs (2007); Centre for Development and Environment, University of Oslo (2009).

Master and undergraduate level

Coordination, Scholarship Programme for Master students in economics, Department of International Economics, NUPI, 2007-2012.

Board Membership, ESST Master, University of Oslo, assessment of curricula and results, and organization of the new two-year Master, 2006-2007.

Supervision for Master students, Master ESST, University of Oslo, 2001–2011.

Evaluation of Master theses, Master ESST, University of Oslo, 2001–2011.

Coordination, curricular development and teaching, course on *Globalisation, Innovation and Policy*, Master ESST, University of Oslo, spring semesters 2005 and 2006, University of Oslo.

Coordination, curricular development and teaching, course on *Innovation and Economic Growth*, Master ESST, University of Oslo, September 2002.

Teaching of several lectures during various courses of the Master ESST, University of Oslo, 2001-2008. The lectures have been on a variety of topics related to the broad areas of international economics, economic growth and development, and the economics of innovation.

Coordination and teaching, course on the *Economic Growth and Regional Integration* (Master level), Mohyla Academy, Kiev, Ukraine, spring semesters 2009, 2010 and 2011.

Teaching at the course on the *Economics of Innovation* (Master level), BI, Department of Economics, Oslo (course coordinated by Per Botolf Maurseth, springs 2009, 2010 and 2011).

Teaching at the course on the *Economics of Innovation* (undergraduate level), Faculty of Economics, University of Urbino, fall semester 2003.