

## Francesco Venturini

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### PERSONAL INFORMATION

Date and place of birth: 24/08/1975 Ancona, Italy

Sex: Male.

Nationality: Italian

Civil status: Married, one daughter

Private address: via Esino 1, 60126 Ancona (Italy)

### CURRENT POSITION

2014- Italian Research Ministry abilitation for the position of Associate Professor in Economics, Political Economics and Applied Economics

2012- present Permanent Visiting Fellow, National Institute of Economic and Social Research, NIESR, London.

2008- present Assistant Professor, Department of Economics, University of Perugia.

### EDUCATION

2005 PhD in Economics, Università Politecnica delle Marche. Title of Dissertation: "Information and Communication Technologies: Three Essays on Investment, Consumption and Productivity". Advisor: Alessandro Sterlacchini.

2002 MSc in Economics, Università Politecnica delle Marche.

2001 BSc in Economics, University of Ancona.

### RESEARCH INTERESTS

Innovation (ICT, R&D, patents), productivity, economic growth.

### PAST RESEARCH POSITION

2012, 2014 Visiting Scholar, Institut für Ost- und Südosteuropaforschung, Regensburg.

2011, 2013, 2014, 2015 Visiting Scholar, *National Institute of Economic and Social Research*, London.

2010, 2013 Visiting Scholar, *Middlesex Business School*, London.

2008 Innovation policy consultant for RESCO (private company specialised on economic and social research at a regional level) for the valuation of the activities carried out by the Scientific and Technological Parks of the Lazio administrative region, financed within the VI Framework Program, DocUp 2000-2006, Objective 2 , initiative II.5.2.

2005 Research fellow, Department of Management and Industrial Organization, Università Politecnica delle Marche, "Policy guidelines for regions falling under the new regional competitiveness and employment objective for the 2007-2013 period in the fields of the knowledge economy and the environment, in line with the Lisbon and Gothenburg objectives"; European Commission, DG Regional Policy (project carried out in collaboration with CSIL, Milan). Full responsibility of the ICT statistical workpackage.

2005-2008 Post-Doc Fellowship, Department of Management and Industrial Organization, Università Politecnica delle Marche.

2004 Research fellow, Department of Economics, Università Politecnica delle Marche, "EPKE Employment Prospects in the Knowledge Economy" (European Commission, Research Contract HPSE-CT-2001).

2004 Research Officer, *National Institute of Economic and Social Research* (NIESR) London. Productivity Team within the EUKLEMS project (local coordinator: Mary O'Mahony).

2004 Visiting Research Scholar, *National Institute of Economic and Social Research* (NIESR) London.

2002 Visiting Research Scholar, *Istitut de Recherces Economicques et Sociales* (IRES), Université Catholique de Louvain.

2001 Research Officer, Department of Economics, University of Ancona, "Medium-run trend of the Italian economy and policies for development" (National Research Program Grant MM13011557).

## OTHER ACTIVITIES

**Managing Editor:** Review of Economics and Institutions (2009-present).

**Referee:** Berkeley Electronic Journals of Macroeconomics, Contemporary Economic Policy, *Economia Marche*-Review of Regional Studies, Economic Modelling, Economic Record, Economics Bulletin, Economics of Innovation and New Technology, Empirical Economics (3), European Economic Review (2), European Journal of Comparative Economics, *Economia Pubblica*, Economic Systems (2), Information Economics and Policy, IPTS Working Papers on Corporate R&D and Innovation, *Rivista Italiana degli Economisti* (2), *Rivista di Politica Economica*, *Scottish Journal of Political Economy*, *Small Business Economics*, *World Development*.

## TEACHING

### Graduate (Phd programs):

-Innovation and Spillover measurement (Middlesex University Business School, 2015)

-Microeconomics, Economic Growth Theories (University of Perugia, 2014)

-Economics of Innovation (University of Urbino, 2008)

-Economic Growth Theories, Economics of Innovation (Università Politecnica delle Marche, ISTAO, 2005-2007)

### Undergraduate:

--Growth Regressions (Middlesex University Business School, 2015)

-Micro, Macro, Economics of Growth and Innovation, Technology and Economic Growth, International Economics and Multinational enterprises (Università Politecnica delle Marche 2005-2008, University of Perugia 2008-present).

## SELECTED PUBLICATIONS (*ISI Journals*)

Franco, C., Pieri, F. and Venturini, F. (2015) "Product market regulation and innovation efficiency", *Journal of Productivity Analysis*, forthcoming.

Aristei, D., Vecchi, M., Venturini, F. (2015) "University and inter-firm R&D collaborations: propensity and intensity of cooperation in Europe", *Journal of Technology Transfer*, forthcoming.

Venturini, F. (2015) "The modern drivers of productivity", *Research Policy*, 44, 357-369.

Sterlacchini A., Venturini, F. (2014) "R&D and productivity in high-tech manufacturing: A comparison between Italy and Spain", *Industry and Innovation*, 21(5), 359-379.

Schettino, F., Sterlacchini A., and Venturini, F. (2013) "Inventive Productivity and Patent Quality: Evidence from Italian Inventors", *Journal of Policy Modeling*, 35(6), 1043-1056.

Venturini F. (2012) "Looking into the black box of Schumpeterian growth theories: An empirical assessment of R&D races", *European Economic Review* 56(8), 1530-1545.

Venturini F. (2012) "Product variety, product quality, and evidence of endogenous growth", *Economics Letters* 117(1), 74-77.

Venturini, F. (2009) "The Long-Run Impact of ICT", *Empirical Economics*, vol. 37 (3), pp. 497-515

Venturini, F. (2007) "ICT and Productivity Resurgence: a growth model for the Information Age", *The B.E. Journals of Macroeconomics* (Contributions), vol 7(1): article 31.

## OTHER PUBLICATIONS

Sterlacchini A., Venturini, F. (2013) "Boosting Manufacturing Productivity through R&D: International Comparisons with Special Focus on Italy" *Journal of Industry, Competition and Trade*, 13(2) 187-208.

Pompei F., Venturini, F. (2011) "L'artigianato nelle Marche: tra Crisi e Rilancio", *Economia Marche-Journal of Applied Economics*, 30(2), 83-110.

Bollino, C.A., Perugini, C. e F. Venturini (2010) "Editorial Note", *Review of Economics and Institutions* 1(1), article 1.

Sterlacchini A., Venturini, F. (2009) "Assessing the Knowledge Economy: GDP, Productivity and Employment Growth in EU developed Regions", *ICFAI University Journal of Knowledge Management*, 4, 1-28 .

Sterlacchini A., Venturini, F. (2009) "Knowledge Capabilities and Regional Growth: An Econometric Analysis for European developed regions", *Science Regionali/Italian Journal of Regional Science*, 8(2), 45-70.

Sterlacchini A., Venturini, F. (2008) "Alle radici del declino della produttività italiana: il ruolo della R&S", *Economia Marche-*

Venturini, F. (2005) "How much does IT consumption matter for growth? Evidence from National Accounts", *Rivista di Politica Economica*, n. I-II, January-February 2005, pp. 83-135; also published in 'Central Issues in Contemporary Economic Theory and Policy', January, 2006, Palgrave-Macmillan, London.

Sterlacchini A., Venturini F. (2001) "La diffusione delle ICT nelle imprese della Provincia di Ancona", *Economia e Politica Industriale*, 111, p. 189-202.

### **CONTRIBUTIONS TO BOOKS**

Rincon-Aznar, A., Vecchi, M. and Venturini F. (2015) "Functional income distribution in European transition countries", in *Inequalities During and After Transition in Central and Eastern Europe*, edited by C. Perugini and F. Pompei, Palgrave.

Venturini, F. (2005) "Capitale ICT, crescita e produttività: analisi macro e settoriali", in *ICT, Mercato del lavoro, Produttività*, edited by A. Sterlacchini, Carocci, Rome.

### **SUBMITTED PAPERS**

Rincon-Aznar, A., Vecchi, M. and Venturini F. (2013) "ICT as a general purpose technology: Spillovers, absorptive capacity and productivity performance", NIESR Discussion Paper No. 416, November

Minniti, A. and Venturini, F. (2014) "R&D policy and Schumpeterian growth: Theory and Evidence", University of Bologna, Department of Economics, Working paper no. 945

### **WORKING PAPERS**

Madsen, J.B., Minniti, A., Venturini, F. (2015) "Assessing Piketty's laws of capitalism", Monash Business School, Department of Economics, Discussion paper No. 34-15.

Aristei, D., Sterlacchini, A., Venturini, F. (2015) "The effects of public supports on business R&D: firm-level evidence across EU countries" MPRA Paper 64611, University Library of Munich, Germany

Vecchi, M., Venturini, F. (2015) "Factor substitution, resource reallocation and ICT diffusion: an investigation of the UK productivity puzzle", mimeo.

Venturini, F. (2015) "The economy-wide effects of innovation policies: persistency, heterogeneity, and distance to frontier", mimeo.

Rincon-Aznar, A., Venturini, F. (2014) "Upstream regulation, factor demand and productivity growth: Evidence from OECD industries, 1975-2007", mimeo.

O'Mahony, M., Vecchi, M., Venturini, F. (2014) "The long-run decline in labour share: Technology vs Institutions" mimeo.

Bournakis, I., Vecchi, M. and Venturini F. (2011) "Offshoring and Specialization: Are industries moving abroad?", *Quaderno di Dipartimento Economia, Finanza e Statistica* no. 98 University of Perugia

Sterlacchini A., Venturini, F. (2006) "Is Europe Becoming a Knowledge-driven Economy? Evidence from EU Developed Regions" *Quaderno di Ricerca* n° 253, Dipartimento di Economia, Università Politecnica delle Marche, Ancona, March 2006.

Venturini, F. (2004) "Learning-by-Doing, Hi-tech Consumption and Productivity Resurgence", *Computing in Economics and Finance* 2004 75, Society for Computational Economics.

Venturini, F. (2004) "The determinants of Italian slowdown: what do the data say?" *EPKE working paper* n° 29, NIESR, London.

### **OTHER WORKS**

Sterlacchini A., Venturini, F. (2006) "Convergenza settoriale nella produttività del lavoro: Italia e Spagna vs UE-3", draft prepared for the meeting "The Italian decline", Ancona, April 2006.

Venturini, F. (2004) "*Information and Communication Technologies: Three Essays on Investment, Consumption and Productivity*", PhD Dissertation, Università Politecnica delle Marche, Ancona.

## GRANTS AND POLICY REPORTS

“Reducing productivity and efficiency gaps: The role of knowledge assets, absorptive capacity and institutions” European Competitiveness Report 2013, Chapter 3. European Commission.

Jean Monnet Research Program. Project title: “Variety of institutional settings and socio-economics inequalities in the process of European integration”. Reference: 528531-LLP-2012-IT-AJM-IC (September 2012-August 2013)

“Patenting and innovation capacity of Perugia Province” *Camera di Commercio di Perugia* (2013)

“Productivity, Institutions, Services” (in Italian), *Fondazione Cassa di Risparmio di Perugia* (2012).

“A macro-regional model of economic growth: a dynamic assessment of the economic performance of the Regione Umbria” (in Italian), *Fondazione Cassa di Risparmio di Perugia* (2011).

“Survey on self-employed of Marche Region”, Indagine strutturale *Rapporto EBAM* 2010-2014.

“Employment prospects in the knowledge economy - EPKE, Final Report”, *European Commission, DG Research* (December 2007)

“Policy guidelines for regions falling under the new regional competitiveness and employment objective for the 2007 - 2013 period”, Vol. I : Statistical analysis. (December 2005) *European Commission, DG Regional Policy. Preparatory studies for the fourth cohesion report 2007.*

PhD Fellowship: full coverage award (2001-2004).

## PAPER PRESENTATIONS AT MAIN INTERNATIONAL MEETINGS (CONFERENCE, WORKSHRO, ETC.)

Bank of England (London, 2015)

III Conference on ICT (Munich, 2013)

AISRE (Palermo, 2013)

ICT and intangible capital: strategic sources of growth (ISTAT, Rome, 2013)-Invited

XXXVII Simposio Spanish Economic Association (Vigo, 2012)

Conference on Economics of ICT Telecom Paris-Tech (Paris, 2012).

RES (Cambridge, 2012, Royal Holloway, 2013)

ICT-NET Workshop (Mannheim, 2011)

XII Conference in International Economics (Castellon, 2011)

Service Gap, Mid-term conference (Dublin, 2011)

RCEA Workshop on Advances in Business Cycles and Economic Growth (Rimini, 2011)

ZEW SEEK Kick-Off Conference (Mannheim, 2011)

ICT-NET Workshop (Parma, 2010)

Zvi Griliches Research Summer School (Barcelona, 2010)

Scottish Economic Society Conference (Perth, 2010)

AISSEC Conference on Growth and Development (Perugia, 2009)

EPI Workshop on Productivity, Industry and Growth: a Comparative Perspective (Milano, 2009)

3<sup>th</sup> and 4<sup>th</sup> Italian Congress of Econometrics and Empirical Economics (Ancona 2009, Pisa 2011)

Conference on Patent Statistics for Decision Makers “Patenting, Innovation, Valuation” (Vienna, 2008).

Knowledge for Growth: European Strategies in the Global Economy (Toulouse, 2008).

EU KLEMS Final Conference (Groningen, 2008).

4<sup>th</sup>, 5<sup>th</sup> 6<sup>th</sup> and 12<sup>th</sup> ZEW Conference on Economics of ICT (Mannheim, 2004, 2005, 2008, 2014).

ZEW Summer Workshop on Economics of ICT (Mannheim, 2007).

IX Incontro degli Economisti di Lingua Neolatina (Rio de Janeiro, 2007).

1<sup>o</sup> Incontro Italo-Francese di Scienze Regionali (Chambery, 2007).

XIX Villa Mondragone International Economic Seminar (Roma, 2007).

Interc Conference on Innovation and Competition in the New Economy (Milano, 2007).

47 and 53 ma Riunione Scientifica Annuale della SIE (Verona, 2006, Matera 2012).

1<sup>st</sup> ENST Conference on Economics of ICT (Paris, 2006).

International Workshop on Spatial Econometrics and Statistics (Roma, 2006).

Workshop on Economic Policy and Open Economy Macro (Novara, 2006).

Monitoring Italy (Roma, 2005).

EPKE Final Conference (London, 2004).

10<sup>th</sup> Conference on Computational Economics and Finance (Amsterdam, 2004).

## CONFERENCE AND WORKSHOP ORGANIZATION

“2<sup>nd</sup> Biannual Assisi Workshop on Economics and Institutions: Productivity, Institutions, Services” June 21-22, 2012 Assisi (Italy)

“3<sup>rd</sup> Biannual Assisi Workshop on Economics and Institutions” February 2014, Assisi (Italy)

## **SEMINARS AND WORKSHOPS**

University of Perugia (May 2015), Middlesex Business School (April 2015) Universitat de Valencia (May 2014) Middlesex Business School (November 2013) NIESR (November 2013) NIESR (June 2013) IOS Regensburg (October 2012) Bologna (January 2012) NIESR London (November 2011, June 2013) Middlesex Business School, London (November 2011 and December, 2010), Birmingham Business School, Birmingham (October 2011), Nemetria, Foligno (May, 2009), University of Bologna (April, 2008), Università Politecnica delle Marche, Ancona (October 2014, March 2011, April, 2008; Meeting “The Italian decline”, April, 2006; Doctoral workshops January and October, 2004), University of Pavia (May, 2006), NIESR, London (June, 2004), EPKE workshop, Ancona (February, 2004).

## **CONFERENCES WITHOUT PRESENTATION**

1<sup>st</sup> EU KLEMS consortium meeting (London, 2004).

Conference on Employment, Productivity and Skills in the Knowledge Economy (Paris, 2003).

AISSEC Workshop on Comparing Inequalities (Assisi, 2010).

3rd ICT-NET workshop, Imperial College (London, 2012).

## **PAPER'S DISCUSSION AT CONFERENCES**

Liberati, D., Marinucci, M., Tanzi, G.M., “Science and technology parks in Italy: main features and analysis of their effects on hosted firms” (International conference on Technology transfer, Urbino, October 2014)

Bellucci, A., Pennacchio, L., Are universities an important source of knowledge for firm innovation? (International conference on Technology transfers, Urbino, October 2014)

Facchini, Melky and Pickering “The government size and the labour share” (IIIrd Assisi workshop on Economics and institutions, February 2014)

Arnaudo D., Scalise D., Tanzi G. “Expectations and R&D Investments over the Firms’ Business Cycle” (Banca d’Italia Workshop on Innovation in Italy, Sadiba. Perugia, December 2012).

Jona-Lasinio, C. “Off-shoring and Productivity Growth in the EU economies” (International Workshop on The Role of Business Services for Innovation, Internationalization and Growth, Rome, December 2010).

Karpaty, P. and Gustavsson-Tingvall, P. “Offshoring of services and Corruption: Do firms escape corrupt countries” (International Workshop on The Role of Business Services for Innovation, Internationalization and Growth, Rome, December 2010).

Saboori Memar A. R. “R&D Incentives in vertically related markets” (Zvi Griliches Research Summer School, Barcelona, July 2010).

Rousseva, R. “Identifying Technological Capabilities with Different Degree of Coherence: The Challenge before Latecomer Companies to Enter the International Markets” (ZEW Summer Workshop on Economics of ICT, Mannheim, June 2007).

Barnebeck T., et al. “The Internet, Digital Information and Corruption: Evidence from U.S. States and Across Countries” (6th ZEW Conference on Economics of ICT, Mannheim, July 2008).

## **IT SKILLS**

MS Office, Mathcad, Mathematica, SPSS, E-Views, STATA, TEX, Arcview, Gauss, WinRats, Gretl, Geoda, TSP.

## **LANGUAGE SKILLS**

ITALIAN: mother language. ENGLISH: Fluent. SPANISH: Basic.