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Data and place of birth: 13th May 1954, Sassari, Italy

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EDUCATION

1981 Master of Philosophy in Economics, University of Cambridge

1979 Diploma, Scuola Superiore di Economia "Enrico Mattei", Milan

1978 Dottore in Scienze Politiche (Laurea cum Laude in Economia), Università di Sassari

CURRENT AND MAIN PAST APPOINTMENTS

2014-19 President, Autonomous Region of Sardinia

2014-2017 President, Environment and Energy Commission (ENVE) of the European Committee of the Regions, Bruxelles

2014-2019 Member, European Committee of the Regions, Bruxelles

2011 Member, Scientific Committee, Third Biennial Conference IATE (International Association for Tourism Economics), Bournemouth, UK

2010-11 Thematic Expert (Sustainable Touris) ENPI-CBC Program, Strategic Projects

2009-14 Pro-Rector (Research), Università di Cagliari

2009 Member, Scientific Committee, Second Biennial Conference IATE (International Association for Tourism Economics), Chiang Mai

2007 Member, Comitato Tecnico-Scientifico, Osservatorio per il Turismo Sostenibile, Facoltà di Economia "Richard M. Goodwin", Università degli Studi di Siena

2007 Member, Scientific Committee, First Biennial Conference IATE (International Association for Tourism Economics), Palma de Maiorca

2007- Socio Ordinario del CSS (Consiglio Italiano per le Scienze Sociali)

2006- Member, Scientific Committee IATE (International Association for Tourism Economics)

2004- Associated Editor, Giornale degli Economisti e Annali di Economia

2004-06 Assessore [Regiona Minister] alla Programmazione, Bilancio, Credito e Assetto del Territorio, Regione Autonoma della Sardegna

2003-04 University of Cagliari Representative for the Euro-Mediterranean Master Program MEMA

2001-03 External Examiner, Masters in Finance and Development, CeFiMS, SOAS, University of London

2001 Director, TIM-CRENoS Summer School on New Economy and Economic Gaps

2000- Italian representative, European COST Action on Small and Medium Enterprises and Economic Integration”

2000- Coordinator, Dottorato di Ricerca in Economia, Università di Cagliari

1998-01 Board of Directors, Banco di Sardegna SpA

1998-99 Visiting Scholar, Department of Economics, Soas, University of London

1993-98 Director of the "Centro Ricerche Economiche Nord Sud" (CRENoS) [Center for Research on North-South Economic Research], Università di Cagliari

1992-01 Associate Professor in Economics and International Economics at the Università di Cagliari

1988-89 Visiting Scholar, Department of Economics, University of California-Berkeley

1984-92 Ricercatore Universitario, Università di Cagliari

1980-83 Research Student, Faculty of Economics, University of Cambridge, UK

SELECTED FELLOWSHIPS AND GRANTS

2012-14 Coordinator, Regione Autonoma della Sardegna grant, Research project on Monetary and Non Monetary Costs of Insularity: Measuring Issues and Policy Implications.

2004-05 Local coordinator, Prin (Miur) grant, national research project on “Sostenibile tourism”

2004- University of Cagliari coordinator, EU funded CoCombine project (with the University of Cambridge, UK)

2002- Interreg IIIC on Economic performance of Small Islands in the EU 1998-99 Local coordinator, COFIN (Murst) grant for research project on Structural Dynamics and Regional Convergence across the EU

1995-97 Coordinator, two-year CNR grant for CRENoS-Northeastern University joint project on Economic Growth and Change

1988-89 CNR grant for research project on regional growth at the University of California-Berkeley

1982-83 "Ente per gli studi bancari, monetari e finanziari Luigi Einaudi" Fellowship, Rome [Luigi Einaudi Foundation for Banking, Monetary and Financial Studies]

1980-82 "Luciano Jona" Fellowship, Istituto Bancario S. Paolo di Torino

1978-79 ENI Fellowship, Milan

EDITED VOLUMES

2005 *The Economics Of Tourism And Sustainable Development* (co-editors: A. Lanza, A. Markandya), Cheltenham, UK: Edward Elgar

1999 *Economic Growth and Change. National and Regional Patterns of Convergence and Divergence* (co-editor: J. Adams), Cheltenham, UK: Edward Elgar

ARTICLES IN REFEREED JOURNALS

- 2019 Insularity and economies of density: analyzing the efficiency of a logistic network using an econometric simulation-based approach (co-authors: Cocco, L., Deidda, M., Marchesi, M.), *Regional Studies*, 53(6)
- 2019 Insularity and the development of a local railway network, (co-authors: Cerina, F., Cocco, L., Mannaro, K. , Marchesi, M.), *Econ Polit.* <https://doi.org/10.1007/s40888-019-00158-4>
- 2018 Decentralization and growth: Do informal institutions and rule of law matter? (co-authors: Carmeci G., Mauro L.), *Journal of Policy Modeling*, 40(5), 873-902
- 2011 Tourism development: a recent phenomenon built on (old) institutional roots? (co-authors: A. DiLiberto and R. Brau), *World Economy*, 34, 444-472
- 2010 International TFP Dynamics and Human Capital Stocks: a Panel Data Analysis, 1960-2003 (co-authors: A. DiLiberto and G. Chelucci), *Review of Income and Wealth*, 57, 156-172
- 2009 Il ritardo economico del Mezzogiorno: uno stato stazionario? in: *QA Rivista dell'Associazione Rossi-Doria*, 113-139
- 2008 How to Measure the Unobservable: a Panel Technique for the Analysis of TFP Convergence (co-authors: A. DiLiberto and R. Mura), in: *Oxford Economic Papers*, vol. 60, 343-368
- 2007 Tourism specialization, in: *AFAN-African Analyst Quarterly*, 2, no. 2, 61-68
- 2007 How fast are small tourism countries growing?, *Tourism Economics*, 13, 603-613
- 2003 Detecting technological catching-up in economic convergence, *Metroeconomica*, 54, 161-178.
- 2000 Tourism and economic growth: does country's size matter?, *Rivista Internazionale di Scienze Economiche e Commerciali*, 47, pp.77-85.
- 1999 Is dualism still a source of convergence in Europe? (co-author Raffaele Paci), *Applied Economics*, 31, 1423-1436.
- 1998 International trade and uneven growth: a model with intersectoral spillovers of knowledge (co-author Marina Murat), *Journal of International Trade & Economic Development*, 7, 221-236.
- 1997 Structural change and convergence. An Italian regional perspective (coauthor R. Paci), *Structural Change and Economic Dynamics*, 8, 297-318.
- 1998 International trade and uneven growth: a model with intersectoral spillovers of knowledge (co-author Marina Murat), *Journal of International Trade & Economic Development*, 7, 221-236.
- 1997 Structural change and convergence. An Italian regional perspective (coauthor R. Paci), *Structural Change and Economic Dynamics*, 8, 297-318.
- 1995 Some Consequences of Low Quality Schooling Under Asymmetric Information (co-author Marco Vannini), *Labour*, 1995, 9, 133-150.
- 1995 Crescita ineguale e cambiamento strutturale indotto dal commercio, (coauthor M. Murat), *Giornale degli Economisti e Annali di Economia*, LIII, pp. 259-284. [Uneven growth and trade-induced structural change].

- 1995 Differenziali di crescita nelle regioni italiane: un'analisi *cross-section*, (coauthor R. Paci), *Rivista di Politica Economica*, LXXXV, pp. 3-34. [Growth differentials among Italian regions: a cross-section analysis].
- 1994 The Tourist Sector in the Open Economy, (co-author A. Lanza), *Rivista Internazionale di Scienze Economiche e Commerciali*, XLI, pp. 15-28. [see also: F. Pigliaru e A. Lanza (1994), Erratum, *Rivista Internazionale di Scienze Economiche e Commerciali*, XLI, pp. 288].
- 1992 Trade within an industry in the presence of vertical product differentiation and dynamic increasing returns, *Open Economies Review*, 3, pp. 165-179.
- 1990 La domanda come vincolo alla crescita. Il caso dell'industria meridionale dei beni di consumo, 1963-83, *Rivista Internazionale di Scienze Economiche e Commerciali*, XXXVII, pp. 53-76. [Demand as a constraint to growth. The case of the Mezzogiorno's consumer goods sector, 1963-1983].
- 1987 The performance of the Mezzogiorno's indigenous sector, 1951-70: A discussion of Graziani's effect and the cumulative causation hypothesis, *Studi Economici*, 42, pp. 3-40.
- 1983 Legge di Verdoorn e *cumulative causation* nel modello a due settori di Kaldor: una nota, *Quaderni Sardi di Economia*, XIII, pp. 73-82 [Verdoorn's Law and cumulative causation in Kaldor's two-sector model].
- 1981 Evaluating the Effects of Italian Regional policy, University of Cambridge, mimeo. [Revised Italian version in *Quaderni Sardi di Economia*, 1981, XI, pp. 359-381].

ARTICLES IN INTERNATIONAL VOLUMES

- 2006 Agglomeration and growth in the NEG: a critical assessment (co-author: F. Cerina), in: B. Fingleton (ed.), *New Directions in Economic Geography*, Cheltenham, UK: Edward Elgar
- 2005 An Investigation on the Growth Performance of Small Tourism Countries (co-authors: R. Brau and A. Lanza), in: : A. Lanza *et al.* (eds), *The Economics Of Tourism And Sustainable Development*, Cheltenham, UK: Edward Elgar
- 2003 Disparities in Economic Growth and Unemployment across the European Regions: a Sectoral Perspective (co-authors Raffaele Paci and Maurizio Pugno), in: B. Fingleton, A. Eraydin and R. Paci (eds), *Regional growth, SMEs and the wider Europe*, Ashgate.
- 2002 Technological diffusion, spatial spillovers and regional convergence in Europe (co-author Raffaele Paci), in: J.R. Cuadrado-Roura and M. Parellada (eds), *Regional convergence in the European Union*, Berlin: Springer, 273-92.
- 2000 Why are tourism countries small and fast-growing? (co-author A. Lanza), in: A. Fossati and G. Panella (eds), *Tourism and Sustainable Economic Development*, Dordrecht: Kluwer Academic Publisher, 57-69.
- 1999 Growth and sectoral dynamics in the Italian regions, in: J. Adams and F. Pigliaru, editors, *Economic Growth and Change. National and Regional Patterns of Convergence and Divergence*, Cheltenham: Edward Elgar.
- 1999 European regional growth: do sectors matter?, in: J. Adams and F. Pigliaru, editors, *Economic Growth and Change. National and Regional Patterns of Convergence and Divergence*, Cheltenham: Edward Elgar.
- 1995 Specialization in tourism. The case of a small open economy, (co-author A. Lanza), in: P. Nijkamp e H. Coccossis (eds), *Tourism and the environment*, Aldershot UK, Avebury.

1992 Spillovers, Localized Learning and Comparative Advantage, (co-author L. Segnana), in: O. Causer et al., *Technological Innovation, Competitiveness and Economic Growth*, Berlin: Duncker & Humblot.

OTHER ARTICLES

- 2011 Capitale sociale, crescita e shock istituzionali: cosa ci insegna il caso del Mezzogiorno (co-author L. Mauro), in: G. DeBlasio e P. Sestito (ed.s), *Il capitale sociale. Cosa è e che cosa spiega*, Roma: Donzelli
- 2011 Social capital, institutions and growth: further lessons from the Italian regional divide (co-author L. Mauro), CRENoS wp 2011_03
- 2006 Gli effetti del capitale pubblico sulla produttività delle regioni italiane, in: F. Barca et al. (eds), *Federalismo, equità e sviluppo*, Bologna: il Mulino
- 2003 Turismo e sviluppo economico (a cura di), *Equilibri*, 3/2003, 321-35.
- 2001 Analisi della convergenza regionale: troppa o troppo poca?, in: F. Mazzola e M.A. Maggioni (a cura di), *Crescita regionale ed urbana nel mercato globale*, Milano: Franco Angeli.
- 2000 Diffusione tecnologica, “spillover” spaziali e crescita. Un’applicazione al caso delle regioni europee (co-author Raffaele Paci), in: P.C. Padoan (editor), *L'euro e i mercati reali*, Bologna: il Mulino, 139-161.
- 1996 Economia del turismo: note su crescita, qualità ambientale e sostenibilità, *Contributi di Ricerca CRENoS*, 96.12 [Economics of tourism: growth, environmental quality and sustainability].
- 1995 Crescita ineguale e cambiamento strutturale indotto dal commercio internazionale (co-author M. Murat), in: M. Pugno e L. Segnana (eds.), *Commercio internazionale e crescita economica*, Firenze: Nuova Italia, 1995, pp. 149-191. [Uneven growth and trade-induced structural change].
- 1994 Scambi internazionali, *Enciclopedia Italiana G. Treccani*, V Appendice [International trade]
- 1993 Gli effetti economici dell’integrazione europea sul settore industriale della Sardegna, (co-authors F. Manca and R. Paci), *Rivista Economica del Mezzogiorno*, 7, pp. 321-342. [Economic effects of European integration on the Sardinian industrial sector].
- 1990 Commercio internazionale, (co-author Marina Murat), in: G. Lunghini (ed.), *Dizionario di Economia Politica*, Vol. 16, Torino: Bollati-Boringhieri, pp. 11-100. [International trade]
- 1989 Determination of real wages. A comparative analysis of the Kaleckian and Keynesian models, *Annali della Facoltà di Scienze Politiche*, 14, pp. 57-79.
- 1987 Alcune note sulla costruzione di una tavola regionale delle interdipendenze settoriali, (co-author R. Paci) *Annali della Facoltà di Scienze Politiche*, 12, pp. 51-72. [A note on the estimation of an inputoutput table at the regional level]
- 1986 Politica economica e Zona Franca: il caso della Sardegna, (co-authors P. Lepori, S. Lodde e R. Paci), *Quaderni Sardi di Economia*, XVI, pp. 47-71. [Economic policy and Free Trade Zones: the case of Sardinia]
- 1984 A proposito del passaggio dal sottosviluppo allo sviluppo, *Quaderni Sardi di Economia*, XIV, no. 3 [A note on the transition from underdevelopment to development]

PAPERS PRESENTED AT RECENT INTERNATIONAL CONFERENCES

- 2006 How to Measure the unobservable: a Panel Technique for the analysis of TFP Convergence, *13th International Conference on Panel Data*, Cambridge, UK, July
- 2005 How to Measure the unobservable: a Panel Technique for the analysis of TFP Convergence, *Cost Action (A 17) Open Conference (Knowledge and Regional Economic Development)*, Barcellona, June
- 2005 How to Measure the unobservable: a Panel Technique for the analysis of TFP Convergence, *Royal Economic Society Conference*, Nottingham, March
- 2003 Agglomeration and growth in the NEG. A Critical assessment, University of Cambridge, Dept of Land Economy, March
- 2003 How fast are the tourism countries growing?, *ERSA Annual Conference*, August.
- 2003 A panel technique for the analysis of technological convergence: the case of the Italian regions, *ERSA Annual Conference*, August.
- 2003 A panel technique for the analysis of technological convergence: the case of the Italian regions, *EEFS Annual Conference*, March.
- 2001 Detecting technological catch-up in economic convergence, *Old and New Growth Theory: An Assessment*, Pisa, October 5-7.
- 2000 Analisi della convergenza regionale: troppa o troppo poca?, Invited lecture, plenary session on "Crescita regionale e urbana nel mercato globale", *XXI Conferenza Annuale AISRe*, Palermo 20-22 settembre.
- 2000 Technological catch-up and regional convergence in Europe, *Annual Conference of the Royal Economic Society*, St. Andrews.
- 2000 Technological catch-up and regional convergence in Europe, *ERSA Annual Conference*.
- 2000 Technological catch-up and regional convergence in Europe, *Workshop on Regional Growth in Europe*, Santiago del Compostela.
- 1999 Technological catch-up and regional convergence in Europe, *Annual Meeting of the Society for Economic Dynamics*, Alghero, June.
- 1999 Technological catch-up and regional convergence in Europe, *ERSA Annual Conference*.
- 1998 Is dualism still a source of convergence in Europe?, *ERSA Annual Conference*.
- 1998 Is dualism still a source of convergence in Europe? *Annual Conference of the Royal Economic Society*, Warwick.

ORGANISATION OF INTERNATIONAL CONFERENCES

- 2003 Organiser, CRENoS Conference on *Tourism and Sustainable Economic Development*, Chia, September
- 1999 Local organiser, *Annual Meeting of the Society for Economic Dynamics*, Alghero, June.
- 1997 Local organiser, CEPR Workshop on *Growth, Transfers of Technology, Capital and Skills*, Alghero, September (CEPR organisers: R. Baldwin and G. Giovannetti).
- 1997 Organiser, CRENoS Conference on *Comparative Economic Growth. National and Regional Patterns*, Cagliari, June
- 1995 Organiser, CRENoS Conference on *Economic Integration and Regional Patterns*, S. Margherita di Pula, June

REFEREEING

Referee for: *Economia Politica, Giornale degli Economisti, Journal of Economic Growth, Oxford Economic Papers, Journal of Comparative Economics, Rivista Internazionale di Ricerche Economiche e Commerciali, Rivista Internazionale di Scienze Sociali, Rivista Italiana degli Economisti, Rivista di Politica Economica, Structural Change and Economic Dynamics, World Development.*