#### **CURRICULUM VITAE**

## **CURRENT POSITIONS**

- Professor of Economics, Department of Economics and Business, University of Cagliari
- Research Fellow, CEPR, Paris-London

# **OTHER POSITIONS**

- Visiting London School of Economics, April 2025 May 2025
- Director, Master in Economics, Finance and Public Policies, University of Cagliari, July 2018 June 2024
- Visiting Princeton University, March 2024 May 2024
- Visiting London School of Economics, September 2016 February 2017
- Unicredit & Universities Post-Doc Research Fellow, January 2012 December 2013
- Visiting <u>University of New South Wales</u>, Sydney, October December, 2013
- Visiting IGIER, Bocconi, October December, 2010
- Research Fellow, <u>Bank of Spain</u>, September 2009 March 2010

## **EDUCATION**

- PhD (Economics), Universidad Carlos III in Madrid, 2009;
- Visiting PhD student, Washington University in St Louis, Fall 2007;
- Dottorato (Economia), University of Cagliari, 2007;
- M. Sc. (Economics), University College London, 2003;
- Laurea (Economics), University of Cagliari, 2001;
- Erasmus, Université Jules Verne, Amiens, 1999-2000.

## **PUBLISHED PAPERS**

- 1) Cerina, F., Dienesch, E., Moro, A. and Rendall, M. (2023). "Spatial Polarization", *Economic Journal*, 133, Issue 649, pp 30–69. **Best Paper Award** 2023 in the *Economic Journal*.
- 2) Moro, A. and Rachedi, O. (2022). "The Changing Structure of Government Consumption Spending", *International Economic Review*, 62(4): pp. 1293-1323.
- 3) Cerina, F., Moro, A. and Rendall, M. (2021). "The Role of Gender in Employment Polarization", *International Economic Review*, 62(4): pp. 1655-1691.
- 4) Moro, A. and Valdes, C. (2021). "Structural Change in General Equilibrium", in Alcorta, L., Szirmai, A., Verpagen, B. and Foster-McGregor, N. (eds), *New Perspectives on Structural Change: Causes and Consequences of Structural Change in the Global Economy*, Oxford University Press.
- 5) Leon-Ledesma, M. and Moro, A. (2020). "The Rise of Services and Balanced Growth in Theory and Data", *American Economic Journal: Macroeconomics*, 12(4): pp. 109-46.
- 6) Moro, A. and Tanaka, S. (2019), "Sectoral Shocks and Home Substitution", Economics Letters, 181, pp. 57-60.
- 7) Moro, A., Moslehi, S. and Tanaka, S. (2017), "Marriage and Economic Development in the Twentieth Century", *Journal of Demographic Economics*, 83 (4), pp. 379-420.
- 8) Moro, A., Moslehi, S. and Tanaka, S. (2017), "Does Home Production Drive Structural Transformation?", *American Economic Journal: Macroeconomics*, 9(3): 116-46.
- 9) Moro, A., (2015), "Structural Change, Growth and Volatility", American Economic Journal: Macroeconomics, 7 (3), pp. 259-94.
- 10) Moro, A. and Stucchi, R. (2015), "Heterogeneous Productivity Shocks, Elasticity of Substitution and Aggregate Fluctuations", *Journal of Macroeconomics*, 45, pp. 45–53.
- 11) Moro, A., Nuño, G. and Tedde, P. (2015), "A Twin Crisis with Multiple Banks of Issue: Spain in the 1860s", *European Review of Economic History*, 19 (2), pp. 171-194.
- 12) Moro, A., (2012), "The Structural Transformation between Manufacturing and Services and the Decline in the US GDP Volatility", *Review of Economic Dynamics*, 15 (3), 402-415.
- 13) Moro, A., (2012), "Biased Technical Change, Intermediate Goods and Total Factor Productivity", *Macroeconomic Dynamics*, 16 (2), 184-203.
- 14) Moro, A. and Nuño, G., (2012), "Does TFP drive Housing Prices? A Growth Accounting Exercise for Four Countries", *Economics Letters*, 115 (2), 221-224.
- 15) Moro, A., (2009), "Input-Output Structure and New Keynesian Phillips Curve", Rivista di Politica Economica XCIX, 145-166.
- 16) Moro, A., (2007), "Sticky Prices or Sticky Information?", BNL Quarterly Review, LX, no 241.
- 17) Moro, A., (2002), "The Centralized Solution of the Uzawa-Lucas Model with Externalities", Rivista di Politica Economica, XCII.

## WORKING PAPERS AND WORK IN PROGRESS

- "Training Time, Robots and Technological Unemployment", with Fenicia Cossu (Cagliari) and Michelle Rendall (Monash).
- "Scholars and the Machine On Automation and Academic Performance", with Alessio Garau (Cagliari) and Marco Nieddu (Cagliari).
- "Can Modern Theories of Structural Change Fit Business Cycle Data?", with Loris Rubini (New Hampshire).
- "Structural Change and the long run dynamics of the Equity Premium", with Vasco Carvalho (Cambridge), Vincenzo Merella (Cagliari) and Loris Rubini (New Hampshire).
- "A Theory of Structural Change, Home Production and Leisure", with Fenicia Cossu (Cagliari), F. Javier Rodriguez-Ramon (Cagliari) and Silvio Tunis (Cagliari).

## PROFESSIONAL ACTIVITIES

- Associate Editor, <u>SERIEs</u> (Journal of Spanish Economic Association), 2020-2023.
- Referee for: American Economic Review; Quarterly Journal of Economics; Review of Economic Studies; Journal of Political Economy; American Economic Journal: Macroeconomics; Review of Economic Dynamics (5); Journal of the European Economic Association (2); Economic Journal (4); International Economic Review (3); Journal of Economic Theory; Journal of Political Economy: Macroeconomics; Journal of Urban Economics; Journal of Development Economics; Journal of Economic Growth; Journal of Applied Economic Papers; Macroeconomic Dynamics; Canadian Journal of Economics; Journal of Economic Dynamics and Control (2); Journal of Demographic Economics; Journal of Macroeconomics; Journal of Economic Behavior and Organization; B.E. Journal of Macroeconomics; SERIEs (2); Regional Science and Urban Economics; Economics Letters (2); European Review of Economic History; Structural Change and Economic Dynamics (3); European Journal of Political Economy; Metroeconomica; Review of International Economics; Economic Modelling; Journal of the Royal Statistical Society, Series A; CESifo Economic Studies; Revista de Estudios Regionales; Annals of Operations Research; Oxford University Press (2); British Academy Leverhulme (2).

#### PhD Student Advised:

- Andrea Mottola, University of Cagliari, (joint with Vincenzo Merella, expected 2027).
- Alessio Garau, University of Cagliari, (joint with Giovanni Sulis, expected 2026).
- Fenicia Cossu, University of Cagliari, 2024.
- Silvio Tunis, University of Cagliari, 2023.

## PhD Thesis Committee:

- 2016: Edgar Cruz, Universitat de Barcelona.
- 2017: Orhun Sevinc, London School of Economics.
- 2021: Kevin Genna, Aix-Marseille School of Economics.
- 2024: Antonio Haro Bañon, University of Kent.

# Organizer and co-organizer:

- Economics Seminars, University of Cagliari, 2011-2015.
- Workshop on Structural change and Macroeconomic Performance, Cagliari 2011.
- Workshop on Structural change and Macroeconomic Dynamics, Cagliari 2012.
- II Workshop on Structural change and Macroeconomic Dynamics, U. of Surrey 2012.
- V, VI, VII Workshop on Institutions, Individual Behavior and Economic Outcomes, 2014, 2015, 2016, Alghero.
- XXX National Conference of Labour Economics (AIEL), Cagliari 2015.
- Summer School in Computational Economics, Cagliari 2015.
- Summer School in Quantitative Economics, Cagliari 2016.
- Summer School in Quantitative Economics and Finance, Cagliari 2017.
- IV Workshop on Structural change and Macroeconomic Dynamics, Cagliari 2015.
- V Workshop on Structural change and Macroeconomic Dynamics, Kent 2016.
- VI Workshop on Structural change and Macroeconomic Dynamics, Cagliari 2018.
- VII Workshop on Structural change and Macroeconomic Dynamics, Cagliari 2019.
- VIII Workshop on Structural change and Macroeconomic Dynamics, Cagliari 2020 (online).
- IX Workshop on Structural change and Macroeconomic Dynamics, Cagliari 2022.
- X Workshop on Structural change and Macroeconomic Dynamics, Cagliari 2024.

## • Member of Scientific Committee:

- Simposio of the Spanish Economic Association, Santander 2013, Palma de Mallorca 2014 and Girona 2015.
- European Economic Association Annual Congress, <u>Manchester 2019</u> and Rotterdam 2020.

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# **TEACHING**

- 2023: Quantitative Macroeconomics, (Master), University of Cagliari;
- 2018, 2019, 2020, 2021, 2022, 2023: Macroeconomics, University of Cagliari;
- 2017, 2018: Economics of Information and Communication Technologies (Master), University of Cagliari;
- 2016: Models of Structural Change (PhD), University of Cagliari;
- 2015: Models of Structural Change (PhD), Carlos III; University of Cagliari; Autonoma de Barcelona.
- 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022: Economics of Growth and Globalization (Master), University of Cagliari, with Romano Piras. From 2020 with William Addessi.
- 2011, 2012, 2013, 2014, 2015, 2016 and 2017 (2): Microeconomics, University of Cagliari (in 2015 with Vincenzo Merella, in 2017 with Romano Piras).
- 2010: Principles of Economics, University of Cagliari.
- 2008 and 2009: Microeconomics, University of Cagliari, with Anna Maria Pinna.
- 2004-2007: TA, Macroeconomics I, III and IV, Universidad Carlos III, Professors Felipe Meza, Marcel Jansen, Fernando Perera-Tallo, Javier Diaz-Gimenez.

# **DISCUSSIONS**

- "The Great Diversification and its Undoing" by Vasco Carvalho and Xavier Gabaix, 18th CEPR European Summer Symposium in International Macroeconomics (ESSIM), Tarragona, 2010
- "Endogenous Market Structures and Labor Market Dynamics" by Andrea Colciago and Lorenza Rossi, Anglo-French-Italian Macroeconomic Workshop, Cattolica-Bocconi, 2011.
- "Relative Prices and Sectoral Productivity" by Margarida Duarte and Diego Restuccia, Workshop on Structural change and Macroeconomic Dynamics, Cagliari, 2012.
- "Gender Gaps and the Rise of the Service Economy", by Rachel Ngai and Barbara Petrongolo, 2nd Workshop on Structural change and Macroeconomic Dynamics, University of Surrey, 2012.
- "Wages, Human Capital, and the Allocation of Labor across Sectors", by Berthold Herrendorf and Todd Schoellman, 3rd Workshop on Structural change and Macroeconomic Dynamics, Paris School of Economics, 2014.
- "Learning New Technology: The Polarization of the Wage Distribution", by Manuel Hidalgo-Perez and Benedetto Molinari, Italian Economic Association, Naples, 2015.
- "Investment Specific Technical Progress and Economic Development", by Roberto Samaniego and Juliana Yu Sun, Conference on Urbanization, Structural Change and Employment, Hong Kong 2015.
- "Taxes and the gender gap in employment and wages", by Lei Fang and Rachel Ngai, conference "Employment in Europe", Cyprus 2016.
- "Skill-Biased Technological Change Within and Across Firms", by Seth G. Benzell, Guillermo Lagarda, and Daniel Rock, 14th ECB Labour market workshop on "Labour markets in the digital era", Frankfurt, 2018.

# RESEARCH GRANTS, HONORS AND AWARDS

- 2023: PRIN 2022. Principal investigator, two units, team of eight;
- 2021: Fondazione di Sardegna Research Grant (2 years). Principal investigator, team of five;
- 2019: Fondazione di Sardegna Research Grant (2 years). Principal investigator, team of six;
- 2018: Unicredit Fundation. Grant to support the VII Workshop on Structural change and Macroeconomic Dynamics. Organizer;
- 2017: Region of Sardinia Research Grant (Legge 7) (2 years); Principal investigator, team of five;
- 2017: Unicredit Fundation. Grant to support the <u>VI Workshop on Structural change and Macroeconomic Dynamics.</u> Organizer;
- 2015: Region of Sardinia Research Grant (Legge 7) (2 years); Principal investigator, team of one;
- 2014: Fondazione Banco di Sardegna Research Grant (2 years); Principal investigator, team of two;
- 2012: Fondazione Banco di Sardegna Grant for the Workshop on Structural change and Macroeconomic Dynamics. Organizer;
- 2012: *Unicredit & Universities* Post-Doc Research Grant, 2<sup>nd</sup> Edition;
- 2009-2010: Research Fellowship, *Bank of Spain* (September 2009 March 2010);
- 2006-2008: PhD Scholarship "Master and Back", Region of Sardinia (Italy);
- 2002: Undergraduate Theses Award Angelo Costa 2002, Rivista di Politica Economica;
- 2002-2005: "Dottorato" scholarship, *University of Cagliari*;
- 2001: M. Sc. Scholarship, Region of Sardinia (Italy).

## **PRESENTATIONS**

- <u>2025:</u> London School of Economics; Exeter; Universidad Carlos III Economics PhD Alumni Conference; Society for Economic Dynamics, Copenhagen; Society for advancements in economic theory (SAET), Ischia; Keynote Speech at SASCA PhD Conference, Sassari.
- <u>2024:</u> Princeton (Macro Brown Bag); <u>X Workshop on Structural change and Macroeconomic Dynamics</u>, Cagliari; Invited discussant at the Presentation of the annual report on 2023 "The economy of Sardinia" at the Bank of Italy, Cagliari; PSE Macro Days, Paris; Spanish Macro Network, Madrid; European Workshop "The Economics of AI and Automation", Milan-Bicocca.
- <u>2023:</u> Keynote Speech at *Brucchi Luchino* Labor Economics Workshop, Cagliari; Society for advancements in economic theory (SAET), Paris; III Sailing the Macro Workshop, Siracusa; Spanish Macro Network, Sevilla.
- <u>2021:</u> Society for Economic Dynamics, University of Minnesota (online); Discussant at the Presentation of the annual report on 2020 "The economy of Sardinia" at the Bank of Italy, Cagliari.
- <u>2019</u>: Workshop on Macroeconomics and Development Dongbei University of Finance and Economics (DUFE), Dalian, China.
- <u>2018</u>: New Perspectives on Structural Change, UNU-Merit, Maastricht; <u>27<sup>th</sup> Ensai Economic Day, Rennes;</u> Society for Economic Dynamics, Mexico City, <u>43rd Simposio de la Asociación Española de Economía, Madrid.</u>
- <u>2017</u>: University of Oxford; University of Copenhagen; University of Groningen; Second Marco Fanno Alumni Workshop, Unicredit, Milan; VIII Workshop on Institutions, individual behavior and economic outcomes, Alghero; II MadMac Conference in Growth and Development, Madrid; Minnesota Workshop in Macroeconomic Theory, University of Minnesota.
- <u>2016</u>: Universitat de Barcelona; Université du Luxembourg; World Finance Conference, New York; London School of Economics; University of Cambridge; V Workshop on Structural change and Macroeconomic Dynamics, University of Kent; 41st Simposio de la Asociación Española de Economía, Bilbao.
- <u>2015</u>: Carlos III; Society for Economic Dynamics, Warsaw; Workshop on Structural Transformation, St. Andrews; 56<sup>th</sup> meeting, SIE, University Parthenope, Naples; Conference on Urbanization, Structural Change, and Employment, Hong Kong.
- 2014: Università di Sassari; V Workshop on Institutions, individual behavior and economic outcomes, Alghero; 3rd Workshop on Structural change and Macroeconomic Dynamics, PSE; Summer School in Economic Growth, Capri; 55<sup>th</sup> meeting, SIE, University of Trento; LACEA, São Paulo; XXXIX Simposio de la Asociación Española de Economía, Palma de Mallorca.
- <u>2013</u>: 21st CEPR ESSIM, Izmir; IV Workshop on Institutions, individual behavior and economic outcomes, Alghero; Reserve Bank of New Zealand; University of Queensland, Brisbane; University of New South Wales, Sydney; Monash University, Melbourne; University of Melbourne; Australian National University, Canberra; XXXVIII Simposio de la Asociación Española de Economía, Santander.
- <u>2012</u>: 61ème Congrès de l'Association Française de Sciences Economiques, Universitè Paris 2; Norges Bank; XXXVII Simposio de la Asociación Española de Economía, Universidad de Vigo.
- <u>2011</u>: Royal Economic Society, Royal Holloway; University of Surrey, Guilford; University of Milan (DEAS); 52<sup>nd</sup> meeting, SIE, University Rome 3; IV Conference on Economic Policy and the Business Cycle, University of Milan-Bicocca; Conference on Economic Development and Growth, XREAP, Universitat de Barcelona; XXXVI Simposio de la Asociación Española de Economía, Universidad de Malaga.
- <u>2010</u>: Northeast Universities Development Consortium (NEUDC), MIT; City University London; Royal Economic Society, University of Surrey; IGIER; 18th Society for Nonlinear Dynamics and Econometrics 18th Symposium, University of Piemonte Orientale, Novara; 51<sup>st</sup> meeting, SIE, University of Catania; XXXV Simposio de la Asociación Española de Economía, Universidad Autonoma de Madrid.
- <u>2009</u>: Spring Meeting of Young Economists, Istanbul; Uppsala University; EURISBIS; XIV Workshop on Dynamic Macroeconomics, Vigo; EEA-ESEM Meeting, UAB and UPF; 50<sup>th</sup> meeting, SIE, Bank of Italy and LUISS; Bank of Spain; XXXIV Simposio de la Asociación Española de Economía, University of Valencia.
- <u>2008</u>: 49<sup>th</sup> Meeting, SIE, University of Perugia; ASSET conference, European University Institute, Florence; XXXIII Simposio de la Asociación Española de Economía, University of Zaragoza.
- 2007: XXXII Simposio de la Asociación Española de Economía, University of Granada.