

Marialaura Pesce

Curriculum Vitae

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CONTACT INFORMATION

Università di Napoli Federico II and CSEF
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DATE AND PLACE OF BIRTH

April 11, 1983 – Caserta (Italy)

CAREER BREAKS

Dec. 08, 2012 to May 15, 2013 (Maternity Leave)
Oct. 06, 2014 to March 05, 2015 (Maternity Leave)
May 04, 2016 to Oct. 04, 2016 (Maternity Leave)

POSITIONS AND PROFESSIONAL ACTIVITIES

2021 – today Professor of Mathematical Economics, University of Naples Federico II
2010 - today Research fellow of the Center for Studies in Economics and Finance (CSEF)
2014 – 2021 Associate Professor of Mathematical Economics, University of Naples Federico II
2010 – 2014 Assistant Professor of Mathematical Economics, University of Naples Federico II
2010 PostDoc researcher. Scientific subject: “Value and equity in markets with public projects”.
University of Naples Federico II
2022- today Program director of Laurea Magistrale in Economia e Commercio, University of Naples
Federico II
2022 – today Member of Commissione Didattica - Department of Economics and Statistics, University of
Naples Federico II
2019 - today Member of Commissione Ricerca - Department of Economics and Statistics, University of
Naples Federico II
2013 - today Member of the Collegio dei Docenti - PhD in Economics, University of Naples Federico II
2014 - 2018 Coordinator of Commissione Paritetica - Department of Economics and Statistics,
University of Naples Federico II
2013 - 2014 Member of Commissione Paritetica - Department of Economics and Statistics, University
of Naples Federico II.

EDUCATION

2010 PhD in “Mathematics for Economic Analysis and Finance” at University of Naples Federico
II. Thesis: “Characterizations and fairness properties of equilibria in mixed differential
information economies”. Advisor: Professor Maria Gabriella Graziano
2006 Master in Economics and Finance (MEF) at University of Naples Federico II (attending all
courses, not for credit).

- 2006 Laurea in Mathematics at University of Naples “Federico II” (Laurea Specialistica).
Grade: 110/110 cum laude.
- 2004 B.A. in Mathematics at University of Naples “Federico II”. Grade: 110/110 cum laude

RESEARCH INTERESTS

General Equilibrium Theory, Economies with uncertainty and asymmetric information, Economies with public goods, Fairness.

AWARDS

- 2010 - today Research Award, Centre for Studies in Economics and Finance (CSEF)
- 2012 Prize for the best presented paper in the XXXVI A.M.A.S.E.S. Conference

VISITING

- 2018 Queen's University Belfast - Northern Ireland (UK)
- 2015 Bocconi University (Italy)
- 2014 Queen's University Belfast - Northern Ireland (UK)
- 2012 Bocconi University (Italy)
- 2010 University of Illinois at Urbana-Champaign (USA)
- 2009 University of Illinois at Urbana-Champaign (USA)
- 2008 University of Vigo (Spain)
- 2008 University of Salamanca (Spain)
- 2008 University of Illinois at Urbana-Champaign (USA)

GRANTS AND RESEARCH PROJECTS

- 2022-2026 Member of the PNRR project “GRINS—Growing Resilient, Inclusive and Sustainable”
- 2022- 2024 Member of the STAR ESTABLISHED GRANT research project “Exchange of indivisible goods with externalities and groups” financed by Compagnia San Paolo
- 2014 – 2016 Principal Investigator of the Programma STAR (Sostegno Territoriale alle Attività di Ricerca) - JUNIOR PRINCIPAL INVESTIGATOR GRANTS - financed by the Compagnia di San Paolo e l’Istituto Banco di Napoli – Fondazione.
- 2013 - 2015 Member of the PRIN project “Robust Decision making in markets and organizations”, financed by the Italian Ministry of Education (MIUR)
- 2011 - 2013 Member of the project “Economie con progetti pubblici: un’analisi in presenza di asimmetria informativa ed ambiguità”, financed by Compagnia San Paolo – Polo delle Scienze Umane e Sociali
- 2007-2009 Member of the PRIN project “Valore ed equità in mercati con progetti pubblici ed informazione asimmetrica”, financed by the Italian Ministry of Education (MIUR).

ORGANIZATION OF SCIENTIFIC MEETINGS

- 2024 Member of the local organizing committee of the XLVIII annual conference of the Italian Association for Mathematics Applied to Social and Economic Sciences (AMASES). Ischia (NA), September 5-7, 2024.
- 2023 Organization at the 22nd annual SAET Conference (17-21 July 2023 in Paris, France) of the session “Topics in Economic Theory”
- 2023 Member of the scientific and local organizing committee of the XXXI European Workshop on Economic Theory. Naples, July 2-4, 2023

- 2021 Member of the local organizing committee of the Workshop “Advances in Mathematical Economics”. May, 17-18. (Online workshop because of COVID-19)
- 2020 Member of the local organizing committee of “VII Workshop on Equilibrium Analysis”. February 28-29, Napoli (cancelled because of COVID-19).
- 2019 Organization (together with Prof. Claudia Meo) at XLIII Annual Meeting of the AMASES. Università di Perugia, September 9-11) of the session “Market Imperfections”
- 2019 Member of the local organizing committee of the 19th Annual SAET Conference. June 30th – July 6th in Ischia, Italy
- 2019 Organization (together with Prof. Maria Gabriella Graziano) at the 19th Annual SAET Conference (June 30th – July 6th in Ischia) of the sessions “Equilibrium and Externalities”; “Topics in Economic Theory III” and “Topics in Economic Theory IV”
- 2018 Member of the organizing committee of “VI Workshop on Equilibrium Analysis”. January 26-27, Napoli
- 2018 Organization (together with Prof. Claudia Meo) at XLII Annual Meeting of the AMASES (U. Parthenope di Napoli, September 13-15) of the sessions “Market Imperfections I” and “Market Imperfections II”
- 2016 Member of the organizing committee of the workshop “Equilibrium with Ambiguity”. April 16, Napoli
- 2015 Member of the organizing committee of “XXIV European Workshop on General Equilibrium Theory”. June 29 - July 1, Napoli
- 2015 Member of the organizing committee of the workshop “Games, Markets, Ambiguity”. October 29-30, Napoli
- 2014 Member of the organizing committee of “V Workshop on Equilibrium Analysis”. January 24-25, Napoli
- 2013 Member of the organizing committee of “IV Workshop on Equilibrium Analysis”. January 25-26, Napoli
- 2012 Member of the organizing committee of “III Workshop on Equilibrium Analysis”. January 27-28, Napoli
- 2011 Member of the organizing committee of “II Workshop on Equilibrium Analysis”. January 28-29, Napoli
- 2011 Organization (together with Prof. Nicholas Yannelis) at the XI SAET Conference (June 26 – July 1, Faro, Portugal) of the sessions “Topics in Economic Theory I” and “Topics in Economic Theory II”

MAIN CONFERENCES WITH ACCEPTED PAPERS AND INVITED SEMINARS

- 2023 Queen’s University Belfast – May 12 (*invited seminar*)
- 2023 University of Udine – March 9 (*invited seminar*)
- 2023 Workshop “Strategic Interactions and General Equilibrium XI: Theories and Applications”. University Paris Nanterre. January 26-27th
- 2019 Durham University Business School – January 29 (*invited seminar*)
- 2019 Queen’s University Belfast – March 29 (*invited seminar*)
- 2018 University of Vienna – January 18 (*invited seminar*)
- 2018 XXVII European Workshop on General Equilibrium Theory. U. Paris 1 Panthéon-Sorbonne June 27-29
- 2017 XXVI European Workshop on General Equilibrium Theory. U. Salamanca, Spain June 1-3
- 2016 Conclusive Workshop of the STAR project “Equilibrium with Ambiguity”. U. Naples Federico II, April 15
- 2015 56th Annual Conference Italian Economic Association. U. Parthenope of Naples, October 22-24
- 2015 Games, Markets, Ambiguity. U. Naples Federico II, October 29-30

- 2014 V Workshop on Equilibrium Analysis. U. of Naples Federico II, January 24-25
- 2014 Queen's University of Belfast - Northern Ireland, UK- April 11 (*invited seminar*)
- 2014 "Coltiviamo il futuro" – U. Naples Federico II – May 21 (*invited seminar*)
- 2014 XXIII European Workshop on General Equilibrium Theory. U. Paris 1 Panthéon-Sorbonne, June 30 – July 1
- 2013 I PRIN-Workshop. Collegio Carlo Alberto – Torino, December 17
- 2012 III Workshop on Equilibrium Analysis. U. of Naples Federico II, January 27-28
- 2012 XXI European Workshop on General Equilibrium Theory. U. of Exeter, May 30 – June 2
- 2012 XXXVI Convegno A.M.A.S.E.S. Vieste – Italy, September 13-15
- 2012 VI Workshop on Economic Theory. U. of Vigo-Spain, September 21-22
- 2011 XX European Workshop on General Equilibrium Theory. U. of Vigo – Spain, June 13-15
- 2011 XI Conference of the Society for the Advancement of Economic Theory. Ancao, Portugal, June 26- July 1
- 2010 Workshop on Equilibrium Analysis Under Uncertainty. U. of Naples Federico II, January 22-23
- 2009 XVIII European Workshop on General Equilibrium Theory. Universitat Pompeu Fabra- Barcelona- Spain, June 5-7
- 2009 Sorbonne Workshop in Economic Theory. U. Paris 1 Panthéon-Sorbonne, June 24-27
- 2009 IX Conference of the Society for the Advancement of Economic Theory. Ischia-Italy, June 29 –July 5
- 2008 XVII European Workshop on General Equilibrium Theory. Pestum – Italy, June 13-15
- 2008 II Workshop on Economic Theory. U. Vigo – Spain, June 20-21

PARTICIPATION TO OTHER CONFERENCES

- 2024 XLVIII annual conference of the Italian Association for Mathematics Applied to Social and Economic Sciences (AMASES). Ischia (NA), September 5-7, 2024.
- 2023 22nd annual SAET Conference (17-21 July 2023 in Paris, France)
- 2023 XXXI European Workshop on Economic Theory - EWET 2023 Naples, July 2-4
- 2021 XXIX European Workshop on Economic Theory - EWET 2021 (online, June 7-9)
- 2020 XLIV Annual Meeting of the AMASES (online, September 18)
- 2019 XLIII Annual Meeting of the AMASES. Università di Perugia, September 9-11
- 2019 19th Annual SAET Conference. Ischia, June 30 – July 7
- 2018 Summer Workshop in Economic Theory. U. Paris 1 Panthéon-Sorbonne, June 25-27
- 2018 XLII Annual Meeting of the AMASES. U. Parthenope di Napoli, September 13-15
- 2015 II PRIN-Workshop. University of Naples Federico II, January 29-30
- 2015 XXIV European Workshop on General Equilibrium Theory. University of Naples Federico II, June 29 – July 1
- 2014 Workshop on Rational Expectations Equilibrium in Honor of Roy Radner. Institute for Advanced Studies – Vienna, June 2-3
- 2013 IV Workshop on Equilibrium Analysis. U. of Naples Federico II, January 25-26
- 2013 II Workshop on Economic Theory. U. of Vigo-Spain, September 12-13
- 2011 II Workshop on Equilibrium Analysis. U. of Naples "Federico II", January 28-29
- 2010 XIX European Workshop on General Equilibrium Theory. Krakow – Poland, June 11-13

SCIENTIFIC SOCIETIES

SAET (Society for the Advancement of Economic Theory); **AMASES** (Associazione per la Matematica Applicata alle Scienze Economiche e Sociali), **ASTEMA** (Associazione per lo Sviluppo di Teoria Economica, Matematica e Applicazioni).

TEACHING

since 2019	Teaching of "Quantitative methods for economists" (42h, scientific field SECS-S/06)
since 2013	Teaching of "Mathematical Methods" (70h, scientific field SECS-S/06)
2016 - 2018	Teaching of "Mathematics for economic analysis" (35h, scientific field SECS-S/06)
2015/2016	Teaching of "Mathematical Methods for decisions" (35h, scientific field SECS-S/06)
2012/2013	Teaching of "Mathematical Methods for decisions" (35h, scientific field SECS-S/06)
2011/2012	Teaching of "Game Theory 1" (42h, scientific field SECS-S/06)
2009 - 2011	Adjunct teaching of "Mathematical Methods"
2007 – 2010	Teaching support in the following courses: Mathematical Methods; Linear algebra and geometry; Mathematics for Economics

REFEREEING

Economic Theory, Journal of Mathematical Economics, Journal of Economic Behavior and Organization, International Journal of Game Theory; Economic Theory Bulletin; The B.E. Journal of Theoretical Economics; Journal of Economics; Metroeconomica; Journal of Optimization Theory and Applications; Fuzzy Set and System

PUBLICATIONS

- Graziano, M.G., Pesce, M. and Urbinati, N.: "A note on bargaining sets in atomless economies". **Journal of Dynamics and Games (2024)**. Doi: 10.3934/jdg.2024020.
- Graziano, M.G., Pesce, M. and Platino, V.: "The veto power of the grand coalition in economies with consumption externalities". **Journal of Dynamics and Games (2024)**. Doi: 10.3934/jdg.2024021.
- Pesce, M., Urbinati, N. and Yannelis, N.C.: "On the limit points of an infinitely repeated rational expectations equilibrium". **Economic Theory (2024)**. Doi: 10.1007/s00199-024-01576-7
- Donnini, C. and Pesce, M.: "Fairness and formation rules of coalitions". **International Journal of Economic Theory** 19, 933–960 (2023)
- Graziano, M.G., Pesce, M. and Romaniello, M.: "Two Characterizations of Cost Share Equilibria". **Journal of Dynamics and Games** 10(3), 238-254 (2023)
- Donnini, C. and Pesce, M.: "Fairness and fuzzy coalitions". **International Journal of Game Theory** 50(6), 1033–1052 (2021)
- Donnini, C. and Pesce, M.: "Absence of envy among "neighbors" can be enough". Forthcoming in **The B.E. Journal of Theoretical Economics (BEJTE)** 21(1), 187-204 (2021)
- Basile, A., Gilles, R., Graziano, M.G., Pesce, M.: "The Core of Economies with Collective Goods and a Social Division of Labour". **Economic Theory** 71, 1085 - 1119 (2021)

- Pesce, M. and Yannelis, N.: “Convergence and stability of Walrasian equilibrium under asymmetric information”. **Pure and Applied Functional Analysis**, 6(5), 961-978 (2021)
- Graziano, M.G., Pesce, M. and Urbinati, N.: “Generalized coalitions and bargaining sets”. **Journal of Mathematical Economics** 91, 80-89 (2020)
- Gilles, R., Pesce, M. and Diamantaras, D. “The provision of collective goods through a social division of labour”. **Journal of Economic Behavior & Organization** 178, 287-312 (2020)
- De Castro, L., Pesce, M. and Yannelis, N.C.: “A new approach to the rational expectations equilibrium: existence, optimality and incentive compatibility”. **Annals of Finance** 16, 1–61 (2020).
- Donnini, C. and Pesce, M.: “Strict fairness of equilibria in asymmetric information economies and mixed markets”. **Economic Theory** 69, 107–124 (2020)
- Pesce, M.: “Are asymmetrically informed individuals irremediably envious?” **Metroeconomica** 68, 2-21 (2017)
- Basile, A., Graziano, M.G. and Pesce, M.: “Oligopoly and cost sharing in economies with public goods”. **International Economic Review** 57, 487-505 (2016).
- Pesce, M.: “The Veto Mechanism in Atomic Differential Information Economies”. **Journal of Mathematical Economics** 53, 33-45 (2014).
- Donnini, C., Graziano, M.G. and Pesce, M.: “Coalitional fairness in interim differential information economies”. **Journal of Economics** 111, 55-68 (2014)
- Basile, A., Graziano, M.G. and Pesce, M.: “On fairness of equilibria in economies with differential information”. **Theory and Decision** 76 (4), 573-599 (2014).
- Pesce, M. and Yannelis, N.C.: “Incentive compatibility with interdependent preferences”. **International Journal of Economic Theory** 8, 87–99 (2012)
- De Castro, L., Pesce, M. and Yannelis, N.C.: “Core and equilibria under ambiguity”. **Economic Theory** 48, 519-548, (2011)
- Pesce, M. and Yannelis, N.C.: “Existence of an interim and ex-ante minimax point for an asymmetric information game”. **Economics Letters** 108 (1), 4-6 (2010)
- Pesce, M. and Yannelis, N.C.: “Learning and Stability of the Bayesian – Walrasian Equilibrium”. **Journal of Mathematical Economics** 46, 762–774 (2010).
- Graziano, M.G. and Pesce, M.: “A Note on the Private Core and Coalitional Fairness under Asymmetric Information”. **Mediterranean J. of Mathematics** 7 (4), 573-601 (2010).
- Pesce, M.: “On mixed markets with asymmetric information”. **Economic Theory** 45 (1), 23-53 (2010).

WORKING PAPERS

- Pesce, M., Urbinati, N. and Yannelis, N.: “On the Limit Points of an Infinitely Repeated Rational

Expectations Equilibrium". CSEF WP N. 677 (2023)

- Graziano, M.G; Pesce, M. and Urbinati, N.: "The equitable bargaining set". CSEF WP N. 676 (2023)
- Graziano, M.G; Pesce, M. and Platino, V.: "Decentralization in Non-Convex Economies with Externalities". CSEF WP N. 678 (2023)