

PERSONAL INFORMATION

Family name, First name: Pesce Marialaura
Date of birth: April 11, 1983
Nationality: Italian
URL for web site: <http://www.csef.it/Pesce>

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

CONTACT INFORMATION

Dipartimento di Scienze Economiche e Statistiche - Università di Napoli “Federico II”
Complesso Universitario Monte Sant’Angelo - Via Cintia, 80126 Napoli
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ACADEMIC POSITIONS

2014 – present Associate Professor of Mathematical Economics
at Department of Economics and Statistics of the University of Naples Federico II. ITALY

2010 – 2014 Assistant Professor of Mathematical Economics
at Department of Economics and Statistics of the University of Naples Federico II. ITALY

2010 PostDoc researcher. Scientific subject: “Value and equity in markets with public projects”.
Department of Mathematics and Statistics of the University of Naples Federico II. ITALY

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.

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).

FELLOWSHIPS

- 2010 – present Fellow of The Centre for Studies in Economics and Finance (CSEF) <http://www.csef.it/>
- 2012 – present Member of the Italian Association of Mathematics Applied to Economics and Social Sciences <http://www.amases.org/>

GRANTS AND RESEARCH PROJECTS

- 2014-2016 Principal Investigator of the Programma STAR (Sostegno Territoriale alle Attività di Ricerca) - JUNIOR PRINCIPAL INVESTIGATOR GRANTS. The research project “Equilibrium with Ambiguity” is financed by the Compagnia di San Paolo e l’Istituto Banco di Napoli – Fondazione.
- 2013-2015 Participant of the PRIN project “Robust Decision making in markets and organizations”, financed by the Italian Ministry of Education (MIUR).
- 2011 Participant 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 Participant of the PRIN project “Valore ed equità in mercati con progetti pubblici ed informazione asimmetrica”, financed by the Italian Ministry of Education (MIUR).

AWARDS

- 2018 CSEF Research Award
- 2017 CSEF Research Award
- 2016 CSEF Research Award
- 2014 CSEF Research Award
- 2012 CSEF Research Award
- 2012 Prize for the best presented paper in the XXXVI A.M.A.S.E.S. Conference
- 2011 CSEF Research Award
- 2010 CSEF Research Award

ORGANIZATION OF SCIENTIFIC MEETINGS

- 2019 Organization (together with Prof. Claudia Meo) at the 43rd Annual Meeting of the AMASES (U. 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, Hotel Continental Terme, 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, Italy).
- 2018 Organization (together with Prof. Claudia Meo) at the 42nd 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, Italy).
- 2015 Member of the organizing committee of “*XXIV European Workshop on General Equilibrium Theory*”, (June 29 - July 1, Napoli, Italy).
- 2015 Member of the organizing committee of the workshop “*Games, Markets, Ambiguity*” (October 29-30, Napoli, Italy).
- 2014 Member of the organizing committee of “*V Workshop on Equilibrium Analysis*” (January 24-25, Napoli, Italy).
- 2013 Member of the organizing committee of “*IV Workshop on Equilibrium Analysis*” (January 25-26, Napoli, Italy).
- 2012 Member of the organizing committee of “*III Workshop on Equilibrium Analysis*” (January 27-28, Napoli, Italy).
- 2011 Member of the organizing committee of “*II Workshop on Equilibrium Analysis*” (January 28-29, Napoli, Italy).
- 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

- 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

- 2019 43rd Annual Meeting of the AMASES (U. 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 42nd 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).

TEACHING ACTIVITIES

- since 2013 Teaching of "Mathematical Methods" (70h, scientific field SECS-S/06)
- since 2016 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.

INSTITUTIONAL RESPONSIBILITIES

Since January 2019 - Member of "Commissione Ricerca" of the Department of Economics and Statistics of the University of Naples Federico II

Member of the Committee for post-doc position at the Department of Economics and Statistics of the University of Naples Federico II

Since 2013 - Member of the "Collegio dei Docenti", PhD in Economics at Department of Economics and Statistics of the University of Naples Federico II

2014-2018 - Coordinator of "Commissione Paritetica" of the Department of Economics and Statistics of the University of Naples Federico II

2013-2014 - Member of "Commissione Paritetica" of the Department of Economics and Statistics of the University of Naples Federico II

REFEREE ACTIVITIES

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.

PUBLICATIONS

De Castro, L., Pesce, M. and Yannelis, N.C.: “A new approach to the rational expectations equilibrium: existence, optimality and incentive compatibility”. Forthcoming in *Annals of Finance* (2019).
<https://doi.org/10.1007/s10436-019-00349-w>

Donnini, C. and Pesce, M.: “Strict fairness of equilibria in asymmetric information economies and mixed markets”. *Economic Theory* (2018). <https://doi.org/10.1007/s00199-018-1158-0>

Pesce, M.: “Are asymmetrically informed individuals irremediably envious?”. *Metroeconomica* 68, p. 2-21 (2017).

Basile, A., Graziano, M.G. and Pesce, M.: “Oligopoly and cost sharing in economies with public goods”. *International Economic Review* 57, p. 487-505 (2016).

Pesce, M.: “The Veto Mechanism in Atomic Differential Information Economies”. *Journal of Mathematical Economics* 53, p. 33-45 (2014).

Donnini, C., Graziano, M.G., and Pesce, M.: “Coalitional fairness in interim differential information economies”. *Journal of Economics* 111, p. 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), p. 573-599 (2014).

Pesce, M. and Yannelis, N.C.: “Incentive compatibility with interdependent preferences”. *International Journal of Economic Theory* 8, p. 87–99 (2012).

De Castro, L., Pesce, M. and Yannelis, N.C.: “Core and equilibria under ambiguity”. *Economic Theory* 48, p. 519-548, (2011).

Pesce, M.: “On mixed markets with asymmetric information”. *Economic Theory* 45 (1), p. 23-53 (2010).

Pesce, M. and Yannelis, N.C.: “Existence of an interim and ex-ante minimax point for an asymmetric information game”. *Economics Letters* 108 (1), p. 4-6 (2010).

Pesce, M. and Yannelis, N.C.: “Learning and Stability of the Bayesian – Walrasian Equilibrium”. *Journal of Mathematical Economics* 46, p. 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), p. 573-601 (2010).

SUBMITTED PAPERS

Diamantaras, D., Gilles, R., Pesce, M.: “The Provision of Collective Goods through a Social Division of Labour”.

Donnini, C. and Pesce, M.: “Absence of Envy Among “Neighbors” can be Enough”.

WORKS IN PROGRESS

Kim, D., Pesce, M. and Yannelis, N.C.: “On the dynamic foundation of the rational and Walrasian expectation equilibria”.

Graziano, M.G., Romaniello M. and Pesce, M.: “Characterizations and existence of linear cost share equilibria”.

Marinacci, M. and Pesce M. “Equilibrium Analysis Under Ambiguity”

Graziano, M.G., Pesce, M. and Urbinati : “On the bargaining set in mixed economies”

Graziano, M.G., Pesce, M. and Urbinati : “Generalized coalitions and bargaining set”

Donnini, C. and Pesce, M.: “A concept of envy towards coalitions”.

Basile, A., Gilles, R., Graziano, M.G., and Pesce, M.: “The core and the provision of collective goods through an endogenous social division of labour ”

CSEF - WORKING PAPERS

Donnini, C. and Pesce, M.: “Absence of Envy Among “Neighbors” can be Enough”. In: CSEF WP N. 528 (2019).

Donnini, C. and Pesce, M.: “Strict Fairness of Equilibria in Mixed and Asymmetric Information Economies”. In: CSEF WP N. 498 (2018)

Gilles, R., Pesce, M. and Diamantaras D. “The Provision of Collective Goods through a Social Division of Labour”. In: CSEF WP N. 369 (2017).

Pesce, M.: “The Veto Mechanism in Atomic Differential Information Economies” CSEF WP N. 331 (2013).

Basile, A., Graziano, M.G. and Pesce, M.: “On fairness of equilibria in economies with differential information”, CSEF WP N. 303 (2012).

Pesce, M.: “Are Asymmetrically Informed Agents Envious?” CSEF WP N. 292 (2011).

Basile, A., Graziano, M.G. and Pesce, M.: “On mixed markets with public goods”, CSEF WP N. 261, (2010).

Donnini, C., Graziano, M.G. and Pesce, M.: “Fairness properties of constrained market equilibria”, CSEF WP N.245, (2010).