
CURRICULUM VITÆ

First name, Surname: Stefano, Moretti

UMR7243, LAMSADE
Paris Dauphine University
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Gender: M

Birth date and place : 8 February 1974, Genova (Italy)

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EDUCATION AND TRAINING

13 October 2016: Accreditation to supervise research (“Habilitation à Diriger des Recherches”, HDR).

Title of the thesis: Game theory and practice: models, axioms and algorithms.

Coordinator: Dr. R.Laraki

Institution: Paris Dauphine University, Paris, France.

HDR: Prof. F.J.Eesteban, Dr. M.Hoefer, Prof. H. Moulin, Dr. C.Dürr, Prof. M.Grabisch, Prof. P.Marquis.

10 October 2008: Ph.D. in Game Theory.

Title of the thesis: Cost allocation problems arising from connection situations in an interactive cooperative setting.

Supervisors: Prof. S.H.Tijs and Prof. W.H. Norde. *Co-supervisor:* Prof. M.R. Branzei

Institution: CentER and Department of Econometrics and Operations Research, Tilburg University, The Netherlands.

Ph.D. committee: Prof. S.H. Tijs, Prof. W.H. Norde, Prof. M.R. Branzei, Prof. P.E.M. Borm, Prof. H.J.M. Hamers, Prof. G. Bergantinos, Prof. F. Patrone.

25 May 2006: Ph.D. in Mathematics and applications.

Title of the thesis: Game theory applied to gene expression analysis.

Supervisors: Prof. F. Patrone. *Co-supervisor:* Dr. S. Bonassi.

Institution: Department of Mathematics, University of Genova, Italy.

17 December 1999: Post-Master degree in Decision theory and risk analysis.

Institution: University of Castellanza, Varese, Italy.

Final marks: *cum laude.*

12 April 1999: Master degree in Environmental Science.

Institution: University of Genova, Italy.

Final marks: 110/110 (one hundred and ten out of one hundred and ten)

WORK EXPERIENCE

Current position (from 1/10/2021): Senior Scientist (“Directeur de Recherche 2ème classe”)

Employer: CNRS (The National Center for Scientific Research).

Unit: UMR7243 - LAMSADE (“Laboratoire d’Analyse et Modélisation of Systèmes pour l’Aide à la Décision”), Paris Dauphine University, France

from 1/12/2009 to 30/09/2021: Associate Scientist (“Chargé de recherche de Classe Normale”)

Employer: CNRS (The National Center for Scientific Research).

Unit: UMR7243 - LAMSADE (“Laboratoire d’Analyse et Modélisation of Systèmes pour l’Aide à la Décision”), Paris Dauphine University, France

from 16/03/2007 to 30/11/2009: Senior Research Fellow.

Employer: Unit of Molecular Epidemiology, National Cancer Research Institute, Genova, Italy.

from 16/03/2006 to 15/03/2007: Junior Research Fellow.

Employer: Unit of Molecular Epidemiology, National Cancer Research Institute, Genova, Italy.

from 01/03/2003 to 28/02/2006: Ph.D. student

Employer: Department of Mathematics, University of Genova, Italy.

from 03/03/2000 to 17/12/2002: Research fellow.

Employer: Institute for Applied Mathematics, National Research Council (CNR), Genova, Italy.

RESEARCH INTERESTS

My research activity is organized around the following main lines: axiomatic analysis of solutions for cooperative games and their applications; design of efficient algorithms in strategic games arising from combinatorial problems; power indices and related social choice problems; analysis of biological networks.

Mathematics Subject Classification:

91A12: Cooperative games; 91A43: Games involving graphs; 91A80: Applications of game theory; 91B14: Social choice; 91B10: Group preferences.

PARTICIPATION TO SCIENTIFIC PROJECTS

start - end

- 2021 - ongoing *THEory and Evidence to Measure Influence in Social structures (THEMIS)*, ANR-20-CE23-0018, financed by: ANR (The National Agency for Research), start date: 3/2021, duration: 48 months, Main activities and responsibilities: project coordinator.
- 2016 - ongoing *Games and social choice: axiomatic and algorithmic aspects*, transversal project of the LAMSADE (Laboratoire d'Analyse et Modélisation of Systèmes pour l'Aide à la Décision), start date: 1/2015, Main activities and responsibilities: project leader (with Laurent Gourvès, CNRS).
- 2014 - 2018 *Computation, Communication, Rationality and Incentives in Collective and Cooperative Decision Making (CoCoRiCo-CoDec)*, ANR-13-BS02-004, financed by: ANR (The National Agency for Research), start date: 10/2014, duration: 60 months, Main activities and responsibilities: member of the project.
- 2013 - 2017 *Advanced Multilateral Argumentation for DELiberation (AMANDE)* ANR-13-BS02-0004, financed by: ANR BLANC, start date: 12/2013, duration: 48 months, Main activities and responsibilities: work-package leader.
- 2013 - ongoing *Theorie Algorithmique of la Décision et des Jeux*, financed by: GDR-RO "Groupement of Recherche of Recherche Opérationnelle", start date: 1/2014, Main activities and responsibilities: coordinator of the working group (with Patrice Perny, LIP6-UPMC)
- 2013 - 2017 *Eureka SD project, Enhancement of University Research and Education in Knowledge Areas useful for Sustainable Development*, financed by: Erasmus Mundus Action 2, Main activities and responsibilities: unit coordinator.
- 2013 - 2017 *Orchestration d'algorithmes d'apprentissage distribués pour la gestion des ressources dans les réseaux mobiles (NETLEARN)* ANR-13-INFR-004, financed by: ANR INFRA, start date: 12/2013, duration: 36 months, Main activities and responsibilities: unit coordinator.
- 2011 *Combinatorial OptimizatioN through conGestion gAmeS (CONGAS)*, financed by: GDR-RO "Groupement of Recherche of Recherche Opérationnelle", duration: 12 months, Main activities and responsibilities: project leader.
- 2008 - 2009, *Identification of tumor biomarkers through a biology-driven approach*, financed by: "Ministero della Salute/Regione Liguria", "Istituto Nazionale per la Ricerca sul Cancro", Genova, Italy, Main activities and responsibilities: member of the project in charge of the statistical analysis of the biological data.
- 2006 - 2007 *Newborns and Genotoxic exposure risks, NewGeneris*, financed by: EU 6th FP (FOOD-CT-2005-016320), National Cancer Research Institute, Genova, Italy. Main activities and responsibilities: member of the project in charge of the statistical analysis of the biological data.

- 2006 *West Delta Project Conservation and Irrigation Rehabilitation Project (WDW-CAIRP)* of the World Bank, Main activities and responsibilities: Short Term Consultant.
- 2004 - 2005, *Identification of gene expression profiles associated to cancer progression in pediatric solid tumors*, projet Ministérielle, Italy, Main activities and responsibilities: member of the project.
- 2002 *Incomplete contracts*, Projet ministériel, University of Castellanza, Varese, Italy, Main activities and responsibilities: member of the project.
- 2001 *M-Aqua: Multimedia for Continuous Training in Water Industry*, Programme EC Leonardo Da Vinci, Institute pour la Mathematics Appliquée, CNR, Italy, Main activities and responsibilities: member of the project.
- 2000 *Cost allocation methods for waste consortia*, Projet ministériel, University of Genova, Italy, Main activities and responsibilities: member of the project.
- 2000 *Ratio or Norm*, Projet ministériel, University of Castellanza, Varese, Italy, Main activities and responsibilities: member of the project.

ORGANIZATION OF SCIENTIFIC EVENTS

- 2022 organizer of the seminars series “Séminaires Jeux et Choix Social” at LAMSADE, Paris Dauphine University, since 2018.
- 2022 co-organiser (with Patrice Perny, LIP6-UPMC) of the “*Journée Préférences, apprentissage et décision*”, workshop of th “Groupe de travail du GDR RO et GDR IA”, LIP6 - UPMC, 5 Juillet 2022.
- 2022 organiser of the workshop *THEMIS meeting*, Workshop organized by the ANR project THeory and Evidence to Measure Influence in Social structures, Paris Dauphine, 29 March 2022.
- 2022 co-organiser of the special session “*Théorie algorithmique de la décision et des jeux*” at the ROADEF 2022 - “23ème congrès of la Société Française of Recherche Opérationnelle et d’Aide à la Décision”, Lyon, 23-25 February 2022.
- 2021 co-organiser and chair of the special session “*Théorie algorithmique de la décision et des jeux*” at the ROADEF 2022 - “22ème congrès of la Société Française of Recherche Opérationnelle et d’Aide à la Décision”, Mulhouse, 26-30 April 2021.
- 2018 co-organiser (with Patrice Perny, LIP6-UPMC) of the workshop “*Théorie algorithmique de la décision et des jeux*”, Groupe de travail du GDR RO et pré GDR IA , LIP6 - UPMC, 19 November 2018.
- 2018 member of the Organizing committee of the workshop Argument Strength 2018, IRIT, Université Paul Sabatier, Toulouse, France , 10-12 April 2018.

- 2017 Chair of the *13th European (formerly Spain-Italy-Netherlands) Meeting on Game Theory (SING13)*, Paris Dauphine University, 5-7 July 2017.
- 2017 co-organiser (with Patrice Perny, LIP6-UPMC) of the workshop “*Théorie algorithmique de la décision et des jeux*”, LIP6 - UPMC, 6 Novembre 2017.
- 2017 co-organiser (with Laurent Gourvès, Jérôme Lang, Remzi Sanver, Paris Dauphine) of the *SING13 Pre-Conference Workshop and Tutorial* supported by the ANR CoCoRiCo-CoDec project, Paris Dauphine University, 4 July 2017.
- 2016 co-organiser (with Patrice Perny, LIP6-UPMC) of the workshop “*Théorie algorithmique de la décision et des jeux*”, Université Paris Dauphine, 28 Novembre 2016.
- 2016 co-organiser (with Patrice Perny, LIP6-UPMC) of the workshop “*Théorie algorithmique de la décision et des jeux*”, LIP6 - UPMC, 18 Mars 2016.
- 2016 co-organiser of the special session *Foundations and algorithms for ranking systems* at the ROADEF 2016 - “17ème congrès of la Société Française of Recherche Opérationnelle et d’Aide à la Décision”, 10-12 February 2016.
- 2015 co-organiser (with Patrice Perny, LIP6-UPMC) of the workshop “*Théorie algorithmique de la décision et des jeux*”, Université Paris Dauphine, 15 Septembre, 2015.
- 2014 co-organiser (with Patrice Perny, LIP6-UPMC) of the workshop “*Théorie algorithmique de la décision et des jeux*”, LIP6 - UPMC, 17 September 2014.
- 2014 member of the Organizing Committee of the workshop “*Journéed du LAMSADE*”, Institute Henri Poincaré , Paris, 7-8 April 2014.
- 2013 member of the Organizing Committee of the *Final Workshop Games, algorithms and optimization*, Paris, France, 7 June 2013.
- 2013 member of the Organizing Committee of the special session “*Théorie des jeux et recherche opérationnelle*” at the ROADEF 2013 - “14ème congrès of la Société Française of Recherche Opérationnelle et d’Aide à la Décision”, 13-15 February 2013.
- 2012 member of the Organizing Committee of the “*École de printemps en théorie des jeux algorithmique*”, campus of Jussieu (Amphi Durand), Paris 18-20 June 2012
- 2012 member of the Organizing Committee of the special session *théorie des jeux et recherche opérationnelle* at the ROADEF 2012 (13th Congress of the French Society for Operations Research), 11-13 April.
- 2012 member of the Organizing Committee of the *Workshop Games, algorithms and optimization*, Paris, France, 24 June 2011.

- 2010 member of the Organizing Committee of the invited session *Cooperative situations on networks: algorithms and applications*, EURO XXIV 24th European Conference on Operational Research, Lisbon, Portugal, 11-14 July 2010.
- 2010 co-organiser (with Laurent Gourvès, CNRS) of the workshop *Game Practice and Preference aggregation*, University Paris Dauphine, 23 June 2010.

SCIENTIFIC COMMITTEES OF INTERNATIONAL CONFERENCES

- 2022 member of the Scientific Committee of the International Conference *17th Spain-Italy-Netherlands Meeting on Game Theory (SING17)*, Padova, Italy, 11-13 July 2022.
- 2021 member of the Scientific Committee of the International Conference *16th Spain-Italy-Netherlands Meeting on Game Theory (SING16)*, Granada, Spain, 30 June - 2 July 2020.
- 2020-2026 I am member of the Scientific Council of the GDR-RO (“Groupe de Recherche - Recherche Opérationnelle”) as a committee member of the axis “*DMEI: Décision, Modélisation, Evaluation, Incertitudes*”.
- 2019 member of the Scientific Committee of the International Conference *15th Spain-Italy-Netherlands Meeting on Game Theory (SING15)*, Turku, Finland, 2-4 July 2019.
- 2018 member of the Scientific Committee of the International Conference *14th Spain-Italy-Netherlands Meeting on Game Theory (SING14)*, Bayrouth, Germany, 16-18 July 2018.
- 2017 member of the Scientific Committee of the *Summer School Game Theory and Voting Systems*, Campione d’Italia, 3-8 September 2017.
- 2017 member of the Scientific Committee of the *13th European (formerly Spain-Italy-Netherlands) Meeting on Game Theory (SING13)*, Paris Dauphine University, 5-7 July 2017.
- 2016 member of the Scientific Committee of the International Conference *12th Spain-Italy-Netherlands Meeting on Game Theory (SING12)*, Odense (Denmark), 11-13 July 2016.
- 2015 member of the Scientific Committee of the International Conference *11th European Meeting on Game Theory (SING11-GTM2015) (SING11-GTM2015)*, St Petersburg (Russia), 8-10 July 2015.
- 2015 member of the Scientific Committee of the *Summer School Game Theory and Algorithms*, Campione d’Italia, 7-11 September 2015.
- 2015 member of the Program Committee of the *IJCAI-15th Workshop on Innovative Applications of Game Theory and Market Design*, Buenos Aires, 26 July 2015.

- 2014 member of the Scientific Committee of the International Conference *10th Spain-Italy-Netherlands Meeting on Game Theory (SING10)*, Kraków (Poland), le 7-9 July 2014.
- 2013 member of the Scientific Committee of the International Conference *9th Spain-Italy-Netherlands Meeting on Game Theory (SING9)*, Vigo (Spain), le 8-10 July, 2013.
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EDITORIAL ACTIVITIES

Editorial board: Applied Mathematics and Computation, RAIRO - Operations Research, Games.

Guest editor for International Game Theory Review (2019), Strategic Behavior and the Environment (2015)

Referee for (list not exhaustive): Annals of Operations Research, Artificial Intelligence, Autonomous Agents and Multi-Agent Systems, Discrete Applied Mathematics, International Game Theory Review, European Journal of Operational Research, Mathematical Methods of Operations Research, Mathematical Social Sciences, Order, 4OR, RAIRO - Operations Research, Social Choice & Welfare, International Journal of Game Theory.

PC member of AAMAS '21, '22, IJCAI '21, '22, EUMAS '20,'22.

OTHER ACADEMIC ACTIVITIES

Evaluation committees

- 2022 Jury member (co-supervisor) for the final evaluation of the Ph.D. thesis of Raja Trabelsi: *Cooperative game theory models for allocation problems applied to the distribution of CO₂ emission permits*, LAMSADE, ED de Paris Dauphine University, France, Thèse de doctorat de l'Université PSL, 11 January 2022.
- 2021 Jury member (co-supervisor) for the final evaluation of the Ph.D. thesis of Marianna Belotti: *Game Theoretical Analysis of Blockchain Users' Behaviors*, SMI Doctoral School CEDRIC, Conservatoire National des Arts et Métiers (CNAM), 16 December 2021.
- 2020 Member of the Committee for the selection of an Associated Professor "Section 27 - MCF 0336, Profil : Thématiques du Pôle « Aide à la décision » et thématiques connexes", Paris Dauphine University.
- 2020 Jury member (co-supervisor) for the final evaluation of the Ph.D. thesis of Hossein Khani: *Ordinal Power Indices*, LAMSADE, ED de Paris Dauphine University, France, Thèse de doctorat de l'Université PSL, 7 October 2020.

- 2020 Jury member for the final evaluation of the Ph.D. thesis of Monica Salvioli: *Game theory for improving medical decisions and managing biological systems*, Mathematics Department, Politecnico di Milano, Italy, Doctorate in Doctorate in Mathematical Models and Methods for Engineering, 6 March 2020.
- 2019 Jury member (co-supervisor) for the final evaluation of the Ph.D. thesis of Francesca Fossati: *Novel notions of fairness and resource allocation for congested networked systems*, Thèse de Doctorat de Sorbonne Université, Paris, France. EDITE, école doctorale informatique, télécommunications et électronique, 29 November 2020.
- 2019 Member of the Committee for the selection of an Associated Professor, 05 MCF 4262, Poste 490 en Economie “Théorie des jeux / théorie du choix soc.”, université Jean-Monnet, Saint-Étienne.
- 2020-'19 Member of the “comité de suivi” of PhD students who started their PhD program in Computer Science at Paris Dauphine University.
- 2017-'19 Member of the Award Committee of the SING - Best Student Paper Prize awarded to young researchers every year at the SING conferences.
- 2018 Jury member for the final evaluation of the Ph.D. thesis of Marco Rogna: *Essays in Bargaining and Cooperative Game Theory with an Application to Environmental Negotiations*, Doctoral School of Social Sciences, University of Trento, Italy, Doctorate in Local Development and Global Dynamics, 3 May 2018.
- 2017 Jury member for the final evaluation of the Ph.D. thesis of Francisco Javier Muros Ponce: *Cooperative Game Theory Tools in Coalitional Control Networks*, University of Seville, Spain Higher Technical School of Engineering Department of Systems and Automation Engineering, 19 September 2017.
- 2016 Jury member for the final evaluation of the Ph.D. thesis of Marco Giacalone: *Dispute Resolution and New IT Realities*, Joint Doctorate in Legal logic and Legal Informatics, Dipartimento di Giurisprudenza, Università degli Studi di Napoli Federico II, 27 June 2016.
- 2016 Jury member for the final evaluation of the Ph.D. thesis of Melanie Boudard: *Prédiction de structure tridimensionnelle de molécules d'ARN par minimisation de regret*, Université Paris-Saclay, spécialité Informatique, 29 April 2016.
- 2016 Member of the Committee for the midway evaluation of the Ph.D. thesis of Amélie Heliou: *Théorie des jeux et échantillonnage de conformations pour l'amarrage macromoléculaire multi-corps et multi-échelle*, Université Paris-Saclay, 21 April 2016.
- 2015 Member of the Committee for the selection of an Associated Professor, profile “Informatique” MCF258, Section 27, LAMSADE, Paris Dauphine University.

- 2015 Member of the Committee for the midway evaluation of the Ph.D. thesis of Mikael Touati: *Coalition and Matching Games in Networks*, Telecom Paris-Tech, LTCI CNRS 5141, 4 June 2015.
- 2014 Jury member for the final evaluation of the Ph.D. thesis of Ahmet Ozkaras: *Essays on wage bargaining*, “Doctorat of Sciences Économiques”, University Paris 1 Panthéon-Sorbonne, U.F.R. of Science économiques, 17 November 2014.
- 2011 Member of the Committee for the selection of an Associated Professor, profile “Aide à la décision”, Section 27, LAMSADE, Paris Dauphine University.

Institutional responsibilities

start - end

- 11/'19 - ongoing deputy-Director (“Directeur adjoint”) of the LAMSADE laboratory (UMR7243) at the Paris Dauphine University.
- 2015 - ongoing Member of the laboratory board (“conseil de laboratoire”) of the LAMSADE laboratory at the Paris Dauphine University.
- 2019 - 2021 Member of the “Comité de Suivi de Thèse” for phd students who started the thesis at Lamsade in 2018
- 2014 - 2016 Member of the scientific board of the Paris Dauphine University.
- 2013 - 2016 Member of the advisory committee for recruitment CCR (“Comité Consultatif de Recrutement”) of the LAMSADE, Paris Dauphine University.

TEACHING

year(s)

- 2019-2021 Holder of a position as associate professor of the PSL University (“Maîtres de Conférences Attachés”) at the Paris-Dauphine University
- 2019-2021 Professor, class: *Game theory* (“Théorie des jeux”), Master 1 “Informatique, Décision, Données - 1ère année de Master”, 36 hours.
- 2014-2021 Professor, class: *Decision theory and game theory* (“Théorie de la décision et théorie des jeux”) (in collaboration with Lucie Galand, Univeristé Paris Dauphine), *Master 2 MODO* (“Modélisation Optimisation, Décision et Organisation”), Paris Dauphine University.
- 2015-2021 Professor, class: *Advanced decision models* (“Modèles décisionnels avancés”) (in collaboration with Françoise Forges and Meltem Östürk, Univeristé Paris Dauphine), *Master M2 Peace Studies*, Paris Dauphine University.
- 2018 Invited lecturer at the *Summer School Game theory and Rationing*, Campione d’Italia, 2-7 September 2018.

- 2017 Professor: *Course in Cooperative games and their applications* (18 hours), *Doctoral program in Informatics*, Paris Dauphine University, February - March 2017.
- 2017 Invited lecturer at the *Summer School Game theory and Voting Systems*, Campione d'Italia, 3-8 September 2017.
- 2015 Invited lecturer *An approach from game theory to Bioinformatics* (6 hours), Plan Apoyo Doctorado 2015, instituto de matemáticas universidad de Sevilla Antonio de Castro Brzezicki, Spain, 23-24 November 2015.
- 2015 Invited lecturer at the *Summer School Game Theory and Algorithms*, Campione d'Italia, 7-11 September 2015, 4 hours of teaching.
- 2015 Professor, class: *Algorithmic game theory* (in collaboration with Laurent Gourvès, CNRS), *Doctoral program in Informatics*, Paris Dauphine University, 6 hours of teaching.
- 2014 Invited lecturer at the *Summer School Game Theory and Telecommunication*, Campione d'Italia, 7-12 September 2014.
- 2013 Invited lecturer, class: *Game theoretical models in Engineering* (6 hours), (in collaboration with Laurent Gourvès, CNRS and Roberto Lucchetti, Politecnico of Milan), Doctoral program in Mathematical Models and Methods in Engineering, Politecnico di Milano, Italy, 22 Mai 2013.
- 2013 Professor, class: *Course: Game theory* (in collaboration with Laurent Gourvès, CNRS), *Doctoral program in Informatics*, Paris Dauphine University.
- 2013 Invited lecturer at the *Summer School Game Theory and Health Management*, Campione d'Italia, 1-6 September 2013, 6 hours of teaching.
- 2011-2012 Teacher of the on-line course *Game Theory and Practice*, in the framework of the EU projet *VRTUOSI-Virtual Mobility in Decision Science*, 3 ECTS.
- 2012 Professor, class: *Decisions under uncertainty and game theory* (in collaboration with Alexis Tsoukiàs, CNRS, and David Rios Insua, Rey Juan Carlos University), *Doctoral program in Informatics*, Paris Dauphine University.
- 2010 Invited lecturer, class: *Introduction to Game Theory and Applications* (30 hours) (in collaboration with Fioarvante Patrone, University of Genova), organized in two editions at Telecom ParisTech, Paris, Doctoral program EDITE (“École doctorale informatique, télécommunications et électronique”) and the Network of Excellence Euro-NF, first edition 18-22 January 2010, second edition 15-19 February 2010.
- 2010 Professor, class: *Decisions under uncertainty and game theory* (in collaboration with Alexis Tsoukiàs, CNRS, and David Rios Insua, Rey Juan Carlos University), Doctoral program EDDIMO (“École Doctorale Décision Informatique Mathématiques Organisation”), Paris Dauphine University.

- 2007,'08,'09 Professor, class: *Statistic* (32 hours), Bachelor's degree in Biology and Environmental Science, University of Piemonte Orientale, Alessandria, Italy.
- 2009 Invited lecturer, class: *Game Theory*, (in collaboration with Anna Torre, University of Pavia) (8 hours), Bachelor's degree in Mathematics, University of Pavia, and Almo Collegio Borromeo, Pavia, Italy.
- 2006,'08 Professor, class: *Decision Theory* (32 hours), Bachelor's degree in Statistics, Mathematics and Data Management (SMID), University of Genova, Italy, 32 hours of teaching.
- 2006 (Adjunct professor) Teacher of the course *Game theory applied to social science* (in collaboration with Fioravante Patrone, University of Genova), Politecnico di Milano, Italy, 12 hours of teaching.
- 2005 Course: *Decision Theory for Statisticians and Mathematicians*, University of Genoa, Italy, 12 hours of teaching.
- 2005, Course: *Mathematical and Quantitative Methods*, the Master in Economical Decisions, Social Responsibility and Ethical Certifications at University of Castellanza, Varese, Italy, 18 hours of teaching.
- 2004, Course: *Decision Theory*, Master in for Statistics and Mathematics, Department of Mathematics,t University of Genoa, Italy, 12 hours of teaching.
- 2004 Course: *Game Theory*, University of Pavia and at Almo Collegio Borromeo, Pavia, Italy, 8 hours of teaching.
- 2003 Course: *General Mathematics for Bio-technologists*, University of Genoa, Italy, 8 hours of teaching.
- 2003 Invited teacher at the at the summer school Game Practice and Operations Research, Inter-university Centre for Game Theory (CITG), Lavagna, Genova, Italy, 4 hours of teaching.
- 2003 Course: *Mathematical and Quantitative Methods*, Master in Economical Decisions, Social Responsibility and Ethical Certifications, at University of Castellanza, Varese, Italy, 12 hours of teaching.
- 2000 (Teaching assistant) course in *Microeconomics and Game Theory* for post-graduated students of the Master in Decision Theory, University of Castellanza, Varese, Italy.
- 2000, 2001, 2002 Course: *Multimediality and Teaching* at the Specialisation School for post-graduated students, CNR, Genova, Italy.

Students supervision

- 2021 - 2024 Ariane Ravier, Ph.D. student: *Social Ranking Problems with Incomplete Knowledge about Coalitions* , Start date: October 2021, (co-supervision with Paolo Viappiani, Paris Dauphine and Sébastien Konieczny, Université d'Artois).

- 2019 - 2021 Mrianna Belotti, Ph.D. student: *Analysis of users behaviour in cryptocurrency networks and definition of effective strategies*, Start date: January 2019, “thèse en convention industrielle” (co-supervision with S.Secci (Cnam) and Potop-Butucaru (LIP6)).
- 2017 - 2022 Raja Trabelsi, Ph.D. student: *The institutional context for climate change: a game theoretic approach*, Start date: September 2017, duration: 3 years (co-supervision with Saoussen Krichen, LARODEC, Institut Supérieur de Gestion de Tunis).
- 2021 Giulia Landriani, Master student at Politecnico di Milano, title: *A game theoretic approach to the analysis of social networks*, Master in Mathematical Engineering, Italy, master stage at Paris Dauphine University, Start date: 14/04/21, duration: 3 months (co-supervision with Roberto Lucchetti, Politecnico di Milano and Paolo Viappiani, Paris Dauphine).
- 2021 Tommaso Rea, Master student at Politecnico di Milano, title: *Hedonic games and social rankings*, Master in Mathematical Engineering, Italy, master stage at Paris Dauphine University, Start date: 14/04/21, duration: 3 months (co-supervision with Roberto Lucchetti, Politecnico di Milano).
- 2017 - 2020 Hossein Khani, Ph.D. student: *Ordinal power indices*, Start date: March 2017, duration: 3 years (co-supervision with Meltem Ötürk, Paris Dauphine).
- 2016 - 2019 Francesca Fossati, Ph.D. student: *Strategic fairness in network resource allocation*, Start date: March 2016, duration: 3 years (co-supervision with Stefano Secci, UPMC).
- 2020 Alban Guerbois Master student at “M1 Informatique, Décision, Données” “*Index de pouvoir et jeux de classification pour l’explicabilité en IA*”, Start date: May 25, duration: 2.5 months.
- 2019 Allouche Tahar, Master student at ENSTA ParisTech, M1 Research Project: “*Manipulabilité des solutions de classement social*”, stage at Paris Dauphine University, Start date: May 20, duration: 3 months.
- 2019 Giulia Bissoli, Master student at Politecnico di Milano: *An auction model for bankruptcy games : cheating prevention and collusion analysis*, Master in Mathematical Engineering, Italy, master stage at Cnam, Paris.
- 2019 Federico Lavoratori, Master student at Politecnico di Milano: *Game-theoretic modelling in MALDI-MSI data analysis*, Master in Mathematical Engineering, Italy, master stage at Cnam, Paris.
- 2013 - 2016 Giulia Cesari, Ph.D. student: *Game theoretic models of network formation*, joint Ph.D. with the Politecnico di Milano, Italy, Start date: October 2013, defence: 13 December 2016.
- 2012 - 2020 I am an active member of the *atelier en IA et Décision* du Master *MODO Aide à la Décision*, LAMSADE, Paris Dauphine University, aimed at teaching students to do research.

- 2017 Marianna Belotti, Master student at Politecnico di Milano, title: *Rewarding Miners: bankruptcy games and pooling strategies*, Master in Mathematical Engineering, Italy, master stage at Paris Dauphine University, Start date: April 17, duration: 4 months.
- 2017 Domenico Brambati, Master student at Politecnico di Milano, title: *Refining the core concept: a new monotonicity property*, Master in Mathematical Engineering, Italy, master stage at UPMC, Start date: January 2017, duration: 3 months.
- 2015 Zribi Souhir, Master student at the University Paris Dauphine, title: *Development of an R package for computing network centrality based on solution for coalitional games*, Master MODO, University Paris Dauphine, master stage at Paris Dauphine University, Start date: 16/03/15, duration: 4 months.
- 2015 Francesca Fossati, Master student at Politecnico di Milano, title: *Collusion in an argumentation framework*, Master in Mathematical Engineering, Italy, master stage at Paris Dauphine University, Start date: 1/04/15, duration: 4 months.
- 2015 Arthur Buquet, master student at the Paris-Descartes University: *Multy-agent argumentation systems*, Master “Informatique, Intelligence Artificielle et Systèmes multi-agents”, co-supervised with Gabriella Pigozzi (Paris Dauphine), master stage at Paris Dauphine University, Start date: 1/04/15, duration: 5 months.
- 2014 Houissa Asma, Master student at the University Paris Dauphine: *Développement of logiciels et outils of simulations pour CDN*, Master student, co-supervised with Dana Marinca UVSQ (University of Versailles Saint-Quentin-en-Yvelines), master stage at UVSQ, Start date: 12/03/14, duration: 6 months.
- 2014 Aisha Bousalem, master student at UPMC (Université Pierre et Marie Curie): *Coalition formation in cellular networks*, co-supervised with Marceau Coupechoux (Telecom ParisTech), master stage at Paris Dauphine University, Start date: 01/04/14, duration: 5 months.
- 2012 supervisor of the “Tesi di Laurea” (rapport of master) of Giulia Cesari: *Teoria dei Giochi cooperativi e valutazione della centralità dei nodi in un network biologico*, 2012, “Corso di Laurea Magistrale in Matematica”, University of Pavia, Italy.
- 2004 supervisor of the “Tesi di Laurea triennale” (Bachelor degree) of M.Vullo: *Discretization methods and cluster procedures for microarray data in gene expression analysis*, 2004, Departement of Mathematics, University of Genova, Italy.
- 2003 supervisor of the “Tesi di Laurea triennale” (Bachelor degree) of G.Maddalena: *An Object oriented approach to game theory: playing with objects*, 2003, Department of Mathematics, University of Genova, Italy.

2003 supervisor of the “Tesi di Laurea triennale” (Bachelor degree) of F. Boncompagni:
An Object oriented approach to game theory: objects for playing, 2003, Department of Mathematics, University of Genova, Italy.

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2003 *Mario Lucertini Prize* for the best article produced by a young researcher and presented at the annual conference of the Italian Association for Operations Research (AIRO).

Language Italian: Native language; English, French: Fluent.