

Georgia Fargetta, Ph.D.

✉ georgia.fargetta@unict.it

🌐 <https://www.dmi.unict.it/fargetta/index.html>

🆔 <https://orcid.org/0000-0002-6444-1564>

Georgia Fargetta was born in Milan (Italy) on July 9, 1995. She earned her Bachelor's degree in Mathematics in 2017 and her Master's degree in Mathematics in 2019 from the University of Catania. In early 2018, she began collaborating with the Operations Research Group at the Department of Mathematics and Computer Science at the University of Catania, where she developed a keen interest in research topics related to Game Theory, Variational Inequalities, and Nash Equilibria.

From 2019 to 2022, she pursued her Ph.D. at the same department under the supervision of Prof. Mario F. Pavone and co-supervision of Prof. Laura R. M. Scrimali, focusing on optimization techniques with a specific emphasis on metaheuristic algorithms.

From 2019 to 2023, she collaborated with the Complex Intelligence System (CIS) Research Group at the Department of Mathematics and Computer Science at the University of Catania, delving into research areas such as Game Theory, Variational Inequalities, Metaheuristics, flow optimization on networks, integer and continuous optimization, Nash Equilibria, and agent behavior optimization.

From 2022 to 2023, she worked as a Research Fellow (MAT/09) under the supervision of Prof. Patrizia Daniele.

Currently, she has authored 16 scientific publications and has participated in numerous international scientific events. In 2021, she was selected by EURO WISDOM as the winner of the Young Women for Operational Research in Europe award. She currently holds a Research Fellow (INFO-01/A) position at the Department of Mathematics and Computer Science, within the Image Processing Laboratory (IPLab) Research Group, where she focuses on Adversarial Machine Learning and Computer Vision.

Current Position

01/08/2023–31/07/2026

📌 Research Fellow (INFO-01/A)

Local project code: PNRR MUR project PE0000013-FAIR

Beneficiary/Implementing Body: University of Catania

Implementing Body/Contractor: University of Catania

University hosting the assignee: Catania, Department of Mathematics and Computer Science, Italy

Supervisor: Prof. Sebastiano Battiato

As of 17/09/2024

📌 **Google Scholar:** *h-index 6; documents 20; citations 110.*

📌 **Scopus:** *h-index 4; documents 16; citations 600.*

Research Position

31/05/2022–31/07/2023

📌 Post-Doc Research Grant

Project Giustizia Smart: Strumenti e modelli per ottimizzare il lavoro dei giudici - *JustSmart*

Education

2019 – 2022

📌 Ph.D. in Computer Science - 35th Cycle (International Doctorate) University of Catania, Department of Mathematics and Computer Science, Italy

Supervisors: Prof. Mario F. Pavone & Prof. Laura R.M. Scrimali

Thesis: Variational Inequality and Metaheuristic approaches to model and investigate agents' strategies

Education (continued)

- 2017 – 2019 **Master's Degree in Mathematics** (110 cum Laude) **University of Catania, Department of Mathematics and Computer Science, Italy**
Advisor: Prof. Laura R.M. Scrimali
Thesis: A game theory approach to some models of online content diffusion
- 2014 – 2017 **Bachelor's Degree in Mathematics** **University of Catania, Department of Mathematics and Computer Science, Italy**
Advisors: Prof. Laura R.M. Scrimali & Prof. Filippo Stanco
Thesis: Equilibrium Strategies and Algorithms in the Game of Chess

International Experiences

- May–August 2021 **University of Guelph, Department of Mathematics and Statistics, Canada**
Supervisor: Prof. Monica Cojocaru

Member of International Conference Program Committees

- 2024 **ICAETA 2024** - 3rd International Conference On Advanced Engineering, Technology And Applications, May 24-25, 2024, University Of Catania, Italy
- 2022 **OLA 2022** - The International Conference in Optimization and Learning, Ortigia-Syracuse, Italy, 18-20 July 2022
- MIC 2022** - 14th Metaheuristics International Conference, Ortigia-Syracuse, Italy, 11-14 July 2022
- 2021 **OLA 2021** - The International Conference in Optimization and Learning, University of Catania, Department of Mathematics and Computer Science, Italy, 21-23 June 2021
- 2018 **ODS 2018** - International Conference on Optimization and Decision Science, Hotel Diodoro Taormina (ME), Italy, 10-13 September 2018


Organization of International Schools

- 2024 **IFOSS2024** - International Forensics Summer School - 3rd Edition - July 2024
- 2021 **MESS 2020+1** - Metaheuristic Summer School, University of Catania, Department of Economics, Italy, 15-18 June 2021





Reviewer for Journals and International Conferences

- 2024 **ACM MULTIMEDIA 2024 28 October - 1 November 2024**, Melbourne, Australia
- The 3rd Workshop on MultiMedia FOREnsics in the WILD, May 24-25, 2024** (MMFOR-WILD24) - Organized in conjunction with ICPR2024 The 27th International Conference on Pattern Recognition, Kolkata, India, 1-5 December 2024.
- IEEE International Conference on Metrology for eXtended Reality, Artificial Intelligence and Neural Engineering, October 21-23, 2024**(MetroXRINE24) - St Albans, Great Britain
- 3rd International Conference On Advanced Engineering, Technology And Applications, May 24-25, 2024** (ICAETA24) - University of Catania, Italy
- Mathematics, MDPI** (Computer Science: Q2)
- 2023 **International Journal of Systems Science, Taylor and Francis Ltd.** (Computer Science: Q1)
- International Journal of Systems Science, Taylor and Francis Ltd.** (Computer Science: Q1)

Reviewer for Journals and International Conferences (continued)

- 2022  **Metaheuristic International Conference (MIC2022)** - 14th Metaheuristics International Conference, Ortigia-Syracuse, Italy, 11-14 July 2022

Invited International Seminars as Speaker

- 2024  **Neural Optimization Machine Applied on Medical Supply Chain Network**
Invited Speaker at 8th International Conference on Mathematical Models & Computational Techniques in Science & Engineering, invited by Prof. Nikos E. Mastorakis
Athens, Greece.
- 2022  **A sustainable dynamic closed-loop supply chain network equilibrium for collectibles markets**
YW₄OR Seminars organized by Prof. F. Sibel Salman and EURO WISDOM
University of Istanbul, Turkey, College of Engineering Koc
-  **Two-Stage Stochastic Variational Inequality problems**
Invited Speaker at 32nd European Conference on Operational Research (EURO2022) - **Aalto University, Espoo, Finland**
- 2021  **Stochastic equilibrium problems**
BTU Stochastics Seminars organized by Prof. Carsten Hartmann, Prof. Ralf Wunderlich, Dr. Omar Kebiri, **Brandenburgische Technische Universität Cottbus-Senftenberg**, Institute of Mathematics, Chair of Stochastics and their Applications






Participation and Oral Presentations at International Conferences

- 2024  **IEEE International Conference on Metrology for eXtended Reality, Artificial Intelligence and Neural Engineering, October 21-23, 2024**
(MetroXRINE24) - St Albans, Great Britain
-  **Neural Optimization Machine Applied on Medical Supply Chain Network**
8th International Conference on Mathematical Models & Computational Techniques in Science & Engineering, June 1-3, 2024,
(MMCTSE2024) Athens, Greece.
-  **3rd International Conference On Advanced Engineering, Technology And Applications, May 24-25, 2024**
(ICAETA24) - University of Catania, Italy
- 2023  **International Conference on Optimization and Decision Science**
(ODS2023) – Ischia (NA), Italy
- 2022  **International Conference on Optimization and Decision Science**
(ODS2022) – Florence, Italy
-  **18th International Workshop on Continuous Optimization**
(EUROPT2022) – Almada, Portugal
-  **The International Conference in Optimization and Learning**
(OLA2022) – Syracuse, Italy
-  **14th Metaheuristics International Conference**
(MIC2022) – Syracuse, Italy
-  **32nd European Conference on Operational Research**
(EURO2022) – Espoo, Finland
-  **6th AIROYoungWorkshop on Operation Research and Data Science in Public Services**
(AIROYW22) – Rome, Italy

Participation and Oral Presentations at International Conferences (continued)

- 2021  **International Conference on Operation Research and Enterprise Systems**
(ICORES₂₀₂₂) – Online
- 2021  **International Conference on Optimization and Decision Science**
(ODS₂₀₂₁) – Online
-  **The 22nd Conference of the International Federation of Operational Research Societies**
(IFORS₂₀₂₁) – Online
-  **31st European Conference on Operational Research**
(EURO₂₀₂₁) – Athens, Greece
-  **18th International Workshop on Continuous Optimization**
(EUROPT₂₀₂₁) – Online
-  **The International Conference in Optimization and Learning**
(OLA₂₀₂₁) – Online
- 2020  **International Conference on Optimization and Decision Science**
(ODS₂₀₂₀) – Online
-  **International Conference on Bioinspired Methods and Their Applications**
(BIOMA₂₀₂₀) – Online
- 2019  **Workshop: Machine Learning Day**
University of Catania, Italy (no talk)
-  **Workshop on Security Framework**
University of Catania, Italy (no talk)
- 2018  **International Conference on Optimization and Decision Science**
(ODS₂₀₁₈) – Taormina (ME), Italy (no talk)

Participation in International Schools for Researchers

- 2024  **IFOSS International Forensics Summer School**
Topic: AI Forensics and Law
- 2022  **EUROPT Summer School** at SST Nova, Campus de Caparica, Portugal
Topic: First Order Optimization Methods and Equilibrium Selection: A Rendezvous of Nash Games, Multicriteria Optimization, and Semi-infinite Programming
-  **Geometric Deep Learning School** at University of Chieti-Pescara, Italy
Topic: Geometric Deep Learning
- 2021  **EUROPT Summer School** Fully online format
Topic: Robust Optimization and Nonsmooth Optimization
-  **Metaheuristic Summer School (MESS₂₀₂₀₊₁)** Fully online format
Topic: Learning and Optimization from Big Data




Participation in Doctoral Courses

- 2020–2021  Analysis of Social Media Contents (PhD Course) - Prof. Alessandro Ortis - 18 hours



Research Projects

- 2023–2026  **FAIR - PNRR**
PNRR MUR project PE000013-FAIR
Project Coordinator: Prof. Concetto Spampinato
Institution: University of Catania
Research Unit Leader: Prof. Sebastiano Battiato
Role: Participant (Research Fellow)
- 2022–2024  **ACHILLES - ecosustAinable effiCient tech-drIven Last miLE logiStics**
PRIN 2022 - Programs of Scientific Research of National Relevance
Project Coordinator: Prof. Claudio Sterle
Institution: University of Catania
Research Unit Leader: Prof. Patrizia Daniele
Role: Participant
- 2022–2023  **Giustizia Smart: Strumenti e modelli per ottimizzare il lavoro dei giudici - JustSmart**, PON Governance e Capacità Istituzionale 2014-2020. CUP B25F22000000001.
PON GOV Just Smart Project Contact: Prof. Enrico Camilleri, University of Palermo.
Role: Research Fellow
- 2020–2022  **MAMI-MED – Mamma & Bambino cohort: a Multisectoral Approach to Maternal and Child Health through the evaluation of Exposome in Women**
University Incentive Plan for Research 2020/2022 (Pia.ce.ri.).
Granted by: University of Catania
Leader: Prof. Sebastiano Battiato, University of Catania
Role: Participant
- 2020–2021  **Equilibrium Problems: Variational Methods and Game Theory**
Granted by: GNAMPA-INdAM
Leader: Prof. Sofia Giuffrè, Mediterranean University of Reggio Calabria
Role: Participant

Research Groups

- 2023–2024  **Member of the IPLab (Image Processing Laboratory) Research Group**
University of Catania, Department of Mathematics and Computer Science, Italy
- 2018–2023  **Member of the Operational Research Research Group**
University of Catania, Department of Mathematics and Computer Science, Italy
- 2019–2023  **Member of the "Complex Intelligent System Research Group"**
<https://www.dmi.unict.it/mpavone/cis-research-group/index.html>
University of Catania, Department of Mathematics and Computer Science, Italy


Membership in National Research Groups

- 2019–2023  **Member of National Research Groups of the National Institute of Advanced Mathematics**
GNAMPA – National Group for Mathematical Analysis, Probability, and their Applications,
P.le Aldo Moro, 5 00185 Rome
- 2019–2024  **Member Italian Association of Operational Research (AIRO)** <https://www.airo.org>




Awards and Recognitions

- 2023  **Best International Doctoral Thesis Award in Operational Research**
Awarded among the 4 winning finalists at the "AIRO Young Dissertation Award" 2023.

Awards and Recognitions (continued)

- 2021  **YoungWomen4OR2021 Award**,
Selected as the winner of the award for young women in operational research in Europe. *YoungWomen4OR Award* established by EURO-WISDOM (The Association of European Operational Research Societies - Women in Society Doing Operational Research and Management Science). Young Women for Operational Research 2021 - <https://www.euro-online.org/web/pages/1654/wisdom>

Participation in Competitive Grant Calls

- 2022  **GNAMPA-INdAM Call**
Grant recipient – GNAMPA-INdAM Call of 02/09/2022: grant for participation in the *International Conference on Optimization and Decision Science*, Ischia, Italy (4-7 September 2023).
-  **Accommodation Grant for the 6th AIROYoung Workshop**
Grant for participation, by invitation from the Italian Association of Operational Research (AIRO), at the *6th AIROYoung Workshop*, 23-25 February 2022, Rome, Italy
- 2019-2022  Winner **Computer Science PhD Call XXXV Cycle** with research fellowship funded by the University of Catania, Department of Mathematics and Computer Science.

Scientific Publications

Journal Articles

- 1 C. Crespi, R. A. Scollo, G. Fargetta, and M. Pavone, “A sensitivity analysis of parameters in an agent-based model for crowd simulations,” *Applied Soft Computing*, (*Computer Science: Q1*), vol. 146, p. 110 684, 2023.
- 2 G. Fargetta and L. R. Scrimali, “A sustainable dynamic closed-loop supply chain network equilibrium for collectibles markets,” *Computational Management Science*, Springer, (*Computer Science: Q3*), vol. 20, no. 1, p. 19, 2023.
- 3 R. A. Scollo, A. G. Spampinato, G. Fargetta, V. Cutello, and M. Pavone, “Discovering entities similarities in biological networks using a hybrid immune algorithm,” *Informatics*, MDPI, (*Computer Science: Q2*), vol. 10, no. 1, p. 18, 2023.
- 4 G. Fargetta, A. Maugeri, and L. Scrimali, “A stochastic nash equilibrium problem for medical supply competition,” *Journal of Optimization Theory and Applications*, Springer, (*Applied Mathematics/Control and Optimization: Q1*), vol. 193, no. 1-3, pp. 354–380, 2022.
- 5 G. Fargetta and L. Scrimali, “Optimal emergency evacuation with uncertainty,” *Springer Optimization and Its Applications*, (*Control and Optimization: Q3*), pp. 261–279, 2022.
- 6 G. Fargetta and L. R. Scrimali, “Generalized nash equilibrium and dynamics of popularity of online contents,” *Optimization Letters*, Springer, (*Control and Optimization: Q1*), vol. 15, no. 5, pp. 1691–1709, 2021.
- 7 V. Cutello, G. Fargetta, M. Pavone, and R. A. Scollo, “Optimization algorithms for detection of social interactions,” *Algorithms*, MDPI, (*Computer Science: Q3*), vol. 13, no. 6, p. 139, 2020.

Conference Proceedings

- 1 C. Crespi, G. Fargetta, M. Pavone, and R. A. Scollo, “An agent-based model for crowd simulation,” in *Artificial Life and Evolutionary Computation: 16th Italian Workshop, WIVACE 2022, Gaeta, Italy, September 14–16, 2022, Revised Selected Papers*, Springer, 2023, pp. 15–26.

- 2 C. Crespi, R. A. Scollo, G. Fargetta, and M. Pavone, “How a different ant behavior affects on the performance of the whole colony,” in *Metaheuristics: 14th International Conference, MIC 2022, Syracuse, Italy, July 11–14, 2022, Proceedings*, Springer, 2023, pp. 187–199.
- 3 G. Fargetta and L. Scrimali, “Time-dependent generalized nash equilibria in social media platforms,” in *Optimization and Decision Science: Operations Research, Inclusion and Equity*, Springer Nature Switzerland, 2023, pp. 3–13.
- 4 C. Crespi, G. Fargetta, M. Pavone, and R. A. Scollo, “An agent-based model to investigate different behaviours in a crowd simulation,” in *Bioinspired Optimization Methods and Their Applications: 10th International Conference, BIOMA 2022, Maribor, Slovenia, November 17–18, 2022, Proceedings*, Springer, 2022, pp. 1–14.
- 5 G. Fargetta and L. Scrimali, “A multi-stage integer linear programming problem for personnel and patient scheduling for a therapy centre.,” in *The 11th International Conference on Operations Research and Enterprise Systems (ICORES 2022)*, 2022, pp. 354–361.
- 6 G. Fargetta and L. Scrimali, “Closed-loop supply chain network equilibrium with online second-hand trading,” in *Optimization in Artificial Intelligence and Data Sciences: ODS, First Hybrid Conference, Rome, Italy, September 14-17, 2021*, Springer, 2022, pp. 117–127.
- 7 G. Fargetta and L. Scrimali, “A two-stage variational inequality for medical supply in emergency management,” in *Optimization and Decision Science: ODS, Virtual Conference, November 19, 2020*, Springer, 2021, pp. 91–102.
- 8 C. Crespi, G. Fargetta, M. Pavone, R. A. Scollo, and L. Scrimali, “A game theory approach for crowd evacuation modelling,” in *Bioinspired Optimization Methods and Their Applications: 9th International Conference, BIOMA 2020, Brussels, Belgium, November 19–20, 2020, Proceedings 9*, Springer, 2020, pp. 228–239.
- 9 G. Fargetta and L. Scrimali, “A game theory model of online content competition,” in *Advances in Optimization and Decision Science for Society, Services and Enterprises: ODS, Genoa, Italy, September 4-7, 2019*, Springer, 2019, pp. 173–184.

Other Publications

📌 Tesi di Dottorato di Ricerca:

Variational Inequality and Metaheuristic approaches to model and investigate agents' strategies.

Tesi di Dottorato in Informatica (International Doctor) (XXXV Ciclo). Supervisor: Prof. Mario F. Pavone, Co-Supervisor: Prof.ssa Laura R.M. Scrimali, Università degli Studi di Catania, 13/03/2023.

📌 Abstract

Fargetta, G., Scrimali, L. Evolutionary Generalized Nash equilibrium for the competition for the diffusion of online contents, abstract on "6th AIROYoungWorkshop on Operation Research and Data Science in Public Services (2022)".

Other Publications (continued)

■ In fase di revisione o pubblicazione

- **Fargetta, G., Ortis, A., Battiato, S.** Neural Optimization for Pharmaceutical Transportation Under Stressful Conditions accepted for the **IEEE International Conference on Metrology for eXtended Reality, Artificial Intelligence and Neural Engineering**
- **Fargetta, G., Ortis, A., Battiato, S., Scrimali, L.** Analyzing Interactions in Donation-Based Live Streaming Platforms: A Multi-Leader-Follower Game Approach submitted to **Social Media Analysis and Mining (SMAM) (Computer Science Q2)** (2024).
- **Fargetta, G., Ortis, A., Anile, S., Battiato, S.** Evaluation of CNNs for Wildcats Classification in Real World Scenario accepted for the **3rd International Conference On Advanced Engineering, Technology And Applications (ICAETA24)**
- **Fargetta, G., Scrimali, L.R.M.** A tripartite evolutionary game for strategic decision-making in live-streaming e-commerce submitted to **Journal of Computational Science (JCS) (Computer Science Q2)** (2024).

Teaching Activities

- A.Y. 2024-2025
- Professor for the *Fondamenti di Informatica*, Bachelor Degree in Computer Science
University of Catania, Department of Mathematics and Computer Science
 - Professor for the *Computer Science Course*, Specialization School of Hygiene and Preventive Medicine
University of Catania, Department of Medical, Surgical and Advanced Technologies "G. F. Ingrassia"
- A.Y. 2023-2024
- Professor for the *Introduction to Discrete Transforms for Signal Processing and Related Applications* Ph.D. Course (International)
University of Catania, Department of Mathematics and Computer Science
Professor: Georgia Fargetta INFO-01/A - 12 hours
 - Professor for the *Computer Science Course*, Specialization School of Hygiene and Preventive Medicine
University of Catania, Department of Medical, Surgical and Advanced Technologies "G. F. Ingrassia"
Professor: Georgia Fargetta INFO-01/A - 14 hours - 2 CFU
 - Professor for the *Linear Algebra and Geometry* course, Civil, Environmental, and Management Engineering (L-7)
University of Catania, Department of Civil Engineering and Architecture
Professor: Georgia Fargetta MAT/03 - 93 hours - 9 CFU
 - Seminar for the course: *Deep Learning*, Master's Degree in Data Science
University of Catania, Department of Mathematics and Computer Science
Professor: Sebastiano Battiato, INFO-01/A
 - Seminar for the course: *Game Theory*, Bachelor's Degree in Mathematics
University of Catania, Department of Mathematics and Computer Science
Professor: Laura R. M. Scrimali, MAT/09
- A.Y. 2022-2023
- Contract Professor for *Linear Algebra and Geometry*, Civil, Environmental, and Management Engineering (L-7)
University of Catania, Department of Civil Engineering and Architecture
Professor: Georgia Fargetta MAT/03 - 91 hours - 9 CFU

Teaching Activities (continued)

- A.Y. 2021-2022

 - Seminar for the course: *Mathematical Methods for Optimization*, Master's Degree in Mathematics
University of Catania, Department of Mathematics and Computer Science
Professor: Laura R. M. Scrimali, MAT/09
- A.Y. 2021-2022

 - Seminars and exercises for the course: *Mathematical Methods for Optimization*, Master's Degree in Mathematics
University of Catania, Department of Mathematics and Computer Science
Professor: Laura R. M. Scrimali, MAT/09
- A.Y. 2020-2021

 - Seminars and exercises for the course: *Principles of Computer Science and Mathematics applied to Biotechnology*, Bachelor's Degree in Biotechnology
University of Catania, Department of Biotechnology
Professor: Mario F. Pavone, INFO-01/A
 - Seminars and exercises for the course: *Mathematical Methods for Optimization*, Master's Degree in Mathematics
University of Catania, Department of Mathematics and Computer Science
Professor: Laura R. M. Scrimali MAT/09

Co-Supervision of Thesis

- A.Y. 2023-2024

 - Thesis Title: *Deep Learning Strategies for WildCats Image Classification in Real World Scenario*
Thesis Candidate: *Melika Kalbasi*, Master's Degree in Data Science
Supervisor: *Prof. Sebastiano Battiato*
Co-Supervisor: *Dr. Georgia Fargetta*
 - Thesis Title: *Analisi e implementazione di algoritmi per il gioco degli scacchi*
Thesis Candidate: *Gianluca Caruso*, Master's Degree in Mathematics
Supervisor: *Prof. Laura R.M. Scrimali*
Co-Supervisor: *Dr. Georgia Fargetta*
- A.Y. 2020-2021

 - Thesis Title: *Un modello di ottimizzazione per la schedulazione dei turni, nell'ambito di un progetto integrato nel contesto di un centro di riabilitazione ex art.26*
Thesis Candidate: *Giovanni Russo*, Master's Degree in Rehabilitation Sciences of Health Professions, Department of Medical, Surgical and Advanced Technologies Sciences.
Supervisor: *Prof. Laura R.M. Scrimali*
Co-Supervisor: *Dr. Georgia Fargetta*

Tutoring Activities

- A.Y. 2022-2023

 - Qualified Tutor for the Linear Algebra and Geometry Course, Bachelor's Degree in Computer Science (A-Z), University of Catania, 60 hours
- A.Y. 2021-2022

 - Tutor for the Linear Algebra and Geometry Course, Bachelor's Degree in Civil, Environmental, and Management Engineering, University of Catania, 90 hours
- A.Y. 2020-2021

 - Tutor for the Algebra and Geometry Course, Bachelor's Degree in Civil, Environmental, and Management Engineering, University of Catania, 55 hours
 - Tutor for the Signals and Probability Theory Course, Department of Electrical, Electronic, and Computer Engineering, University of Catania, 100 hours

Tutoring Activities (continued)

- A.Y. 2019–2020

 - Mathematics Olympiads Tutor, Department of Mathematics and Computer Science, University of Catania, 40 hours
 - Mathematics Olympiads Tutor, Department of Mathematics and Computer Science, University of Catania, 20 hours
 - Basic Mathematics Tutor for Remedial Courses, Bachelor’s Degree in Computer Science, Department of Mathematics and Computer Science, University of Catania, 50 hours
- A.Y. 2018–2019

 - Basic Mathematics Tutor for Remedial Courses, Bachelor’s Degree in Computer Science, Department of Mathematics and Computer Science, University of Catania, 40 hours
- A.Y. 2017–2018

 - Tutor for the Mathematical Analysis I Course, Bachelor’s Degree in Mathematics, Department of Mathematics and Computer Science, University of Catania, 20 hours