Gianluca Priori

Curriculum Vitae

Personal information

Birth	Rome, 22/08/1996
Nationality	Italian
e-mail	priori@diag.uniroma1.it
Position	PhD Student in Operations Research
Affiliation	DIAG, Sapienza University of Rome, Italy

Education

Nov 2021-Pres **PhD Program in Operations Research**, *Sapienza University of Rome*, Rome, Italy.
PhD Supervisor: Prof. Simone Sagratella
My main interests are:
- Variational inequalities and nested VIs
- Bilevel optimization
- Algorithms for bilevel optimization
- Continuous optimization

2019-2021 **M.Sc. Engineering Management**, *Sapienza University of Rome*, Rome, Italy, ***110/110 cum laude***.
In order to further pursue my passion for Applied Mathematics, I opted for the *Decision Models in Engineering and Management* path. I carried out an in-depth study into Operations research, Mathematical Optimization, Mathematical Modeling, Game Theory, Statistical Analysis, Simulation, Machine Learning, Industrial Engineering and also Stochastic models.
I defended my final thesis "*On the solution of monotone nested variational inequalities*" on the 19th of July, 2021, under the supervision of Prof. Simone Sagratella.

2016-2019 **B.Sc. Engineering Management**, *Sapienza University of Rome*, Rome, Italy, ***110/110 cum laude***.
Thesis defended on 18 July 2019.

2010-2015 **High school leaving qualification in scientific studies**, *Liceo Scientifico Statale "Louis Pasteur"*, Rome, Italy, *100/100 cum laude*.

Certifications, Achievements

May 2021 Certificate of Completion for the course "Microsoft Excel: from Fundamentals to Advanced", with applications.

July 2015 Enrolled in the National Register for high-achieving students (Albo Nazionale delle Eccellenze, **Indire**).

May 2015	Certificate of Proficiency in English (**CPE**), Level **C2**, Cambridge English, Overall Score 218/230 with 230/230 in the Reading, Use of English and Listening sections. I have fully operational command of the language: appropriate, accurate, fluent.
July 2014	**IELTS**, Academic, Overall Band Score 8.0. I was already able to handle complex detailed argumentation well.
June 2014	Certificate in Advanced English (**CAE**), Level C1, Cambridge English, Grade A.
Sept 2010	Member of Conservatorio di Santa Cecilia for music. Clarinet.

Work Experience

July 2021	Winner of a working scholarship position at the *I3S* Department of Engineering, Sapienza, as a tutor/teaching assistant in the first semester of A.A. 2021/2022.
2013-present	Private Maths, Physics and Statistics tutor for high school and university students.
Mar-Jul 2018	Winner of a fellowship at the Library of Dipartimento SBAI (books lending administration), Sapienza University of Rome.

Scholarships

2016-2021	DiSCo Lazio scholarship for gifted, deserving and low-income students. I won said benefit after meeting the merit-based requirements and criteria for each of the 5 academic years.
July 2019	Graduation Award. I was granted a scholarship supplement after earning my B.Sc. degree due to outstanding academic performance.

Publications

May 2021	Lampariello, L., **Priori, G.**, Sagratella, S.: On the solution of monotone nested variational inequalities. Technical report, Preprint (2021)
	Lampariello, L., **Priori, G.**, Sagratella, S.: On nested affine variational inequalities: the case of multi-portfolio selection. Technical report, Preprint, to appear in a Special Volume of the AIRO Springer Series (2021)

Courses and PhD schools

14-17 Nov 2021	**Univers Winter School on Optimization, Games and Markets**, *TU Chemnitz*, Chemnitz, Germany.
	Topics: GNEPs, Bilevel Programming, Multi-Leader-Follower Games. Organizers: V. Shikhman, D. Aussel. I was awarded a **prize** for the best students' poster after my presentation and also granted a scholarship to attend the school.

Conferences and Workshops

14-17 Sept 2021	ODS 2021, Rome, Italy - Speaker of the talk *"On nested affine variational inequalities: the case of multi-portfolio selection"* in the *Equilibria, variational models and applications* session.

Skills

Softwares:	AMPL, MATLAB, Python, R (limited), MySQL (limited), LaTeX.
Office:	Microsoft Excel (very good), Microsoft Word, Microsoft PowerPoint.
Other skills:	Problem solving, Analytical skills.

Languages

Italian:	First Language.
English:	Fully operational command of the language.	Council of Europe Level C2
Spanish:	Exàmen DELE A2.	Council of Europe Level A2

Additional Information

Driving License	B, European.
Linkedin	www.linkedin.com/in/gianluca-priori-94938b18b