



# Gianluca Priori

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## ● EDUCATION AND TRAINING

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01/11/2021 – CURRENT – Rome, Italy

**PHD PROGRAM IN AUTOMATIC CONTROL, BIOENGINEERING AND OPERATIONS RESEARCH –**  
Sapienza University of Rome

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Variational inequalities and nested VIs, Bilevel optimization Algorithms for bilevel optimization, Continuous and multiobjective optimization.

**Address** Rome, Italy | **Field of study** Operations Research

12/2021 – Rome, Italy

**NATIONAL QUALIFYING EXAMINATION FOR INFORMATION ENGINEER LICENSE –** Sapienza  
University of Rome

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I obtained the title of Information Engineer according to current regulations, thus becoming officially qualified to practise this profession.

**Address** Rome, Italy

01/10/2019 – 19/07/2021 – Rome, Italy

**M.SC. ENGINEERING MANAGEMENT –** Sapienza University of Rome

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**Address** Rome, Italy | **Final grade** 110/110 cum laude |

**Thesis** On the solution of monotone nested variational inequalities

10/2016 – 18/07/2019 – Rome, Italy

**B.SC. ENGINEERING MANAGEMENT –** Sapienza University of Rome

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**Address** Rome, Italy | **Final grade** 110/110 cum laude |

**Thesis** An optimization model for the solution of a mixed integer problem

Rome, Italy

**HIGH SCHOOL LEAVING QUALIFICATION IN SCIENTIFIC STUDIES –** Liceo Scientifico Statale  
"Louis Pasteur"

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**Address** Rome, Italy | **Final grade** 100/100 cum laude

## ● ACADEMIC AWARDS AND SCHOLARSHIPS

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09/2021 – 12/2021

**Tutoring Scholarship at Sapienza University of Rome**

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Winner of a working scholarship position at the I3S Department of Engineering, Sapienza University of Rome, as tutor assistant in the first semester of A.A. 2021/2022 for the course "Complementi di Matematica".

11/2021

### **Prize for best research poster**

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I was awarded a prize for the best students' poster after my presentation at the UNIVERS Winter School on Optimization, Games and Markets organized by Prof. V. Shikhman, Prof. D. Aussel, and also granted a scholarship to attend the school.

11/2021 – CURRENT

### **Three-year PhD Scholarship at Sapienza University of Rome**

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2019

### **B.Sc. Graduation Award**

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Graduation Award. I was granted a scholarship supplement after earning my B.Sc. degree due to outstanding academic performance.

2016 – 2021

### **DiSCo Lazio scholarship**

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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.

## ● **CERTIFICATES AND ACHIEVEMENTS**

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### **Albo Nazionale delle Eccellenze, Indire**

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Enrolled in the National Register for high-achieving students.

<https://www.indire.it/eccellenze/>

2015

### **C2 - Certificate of Proficiency in English (CPE)**

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Cambridge English, Overall Score 218/230 with 230/230 in the Reading, Use of English and Listening sections. Fully operational command of the language: appropriate, accurate, fluent.

2014

### **IELTS - Academic**

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Overall Band Score 8.0. Able to handle complex detailed argumentation well.

## ● **PUBLICATIONS**

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### **On the solution of monotone nested variational inequalities**

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Lampariello, L., Priori, G., Sagratella, S.  
<https://doi.org/10.1007/s00186-022-00799-5> – 2022  
*Math Meth Oper Res* (2022)

### **On nested affine variational inequalities: the case of multi-portfolio selection**

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Lampariello, L., Priori, G., Sagratella, S.  
2021  
Technical report, Preprint, to appear in a Special Volume of the AIRO Springer Series.

## ● CONFERENCES

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14/09/2021 – 17/09/2021

### ODS 2021

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International Conference on Optimization and Decision Sciences on “Optimization in Artificial Intelligence and Data Sciences”, Statistical Department of Sapienza University of Rome, Rome, Italy. Presenting author.

## ● COURSES AND PHD SCHOOLS

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14/11/2021 – 17/11/2021

### Univers Winter School on Optimization, Games and Markets

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Chemnitz, Germany.

## ● DIGITAL SKILLS

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### My Digital Skills

#### Core competences

Operations Research | Advanced Mathematics | Mathematical Optimization

#### Programming Skills

MATLAB | AMPL | Microsoft: Microsoft Excel, Microsoft PowerPoint, Microsoft Word, Microsoft Outlook

## ● LANGUAGE SKILLS

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Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C2	C2	C2	C2	C2
<b>SPANISH</b>	B1	B1	B1	B1	B1

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

## ● DRIVING LICENCE

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Driving Licence: B