

# Curriculum Vitae of VALERIO PAGLIARI

SURNAME: Pagliari  
NAME: Valerio  
PLACE AND DATE OF BIRTH: Rome, Italy, 17th April 1991  
CITIZENSHIP: Italian  
POSITION: Ph.D. student  
AFFILIATION: Department of Mathematics,  
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## EDUCATION

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NOVEMBER 2016 - PRESENT: Ph.D. student at the Department of Mathematics of University of Pisa.

22 FEBRUARY - 28 JUNE 2016: Erasmus student at the University Paris-Sud (Paris).

OCTOBER 2014 - OCTOBER 2016: Graduate student in Mathematics at the University Sapienza (Rome). Grade: 110/110 cum laude. Title of the final dissertation: *Viscosity solutions to Hamilton-Jacobi equations in the Wasserstein space*. Advisors: Filippo Santambrogio (Paris-Sud) and Antonio Siconolfi (Sapienza).

OCTOBER 2010 - MARCH 2014: Undergraduate student in Mathematics at the University Sapienza (Rome). Grade: 105/110. Title of the final dissertation: *Convergenza puntuale e convergenza di funzionali (Punctual convergence and convergence of functionals)*. Advisor: Fabiana Leoni (Sapienza).

SEPTEMBER 2005 - JULY 2010: High school student at Liceo scientifico "Stanislao Cannizzaro" in Rome. Grade: 100/100 cum laude.

## LANGUAGE AND COMPUTER SKILLS

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### Language skills

- Italian: mother tongue.
- English: C1 (*Certificate in Advanced English*, 2009).
- French: B1.

### Computer skills

- OS: good knowledge of Windows; fair knowledge of Linux.
- Programming languages: fair knowledge of C and of C++; modest knowledge of Matlab and Fortran90; basic knowledge of HTML.

## RESEARCH

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### Papers

- *On the asymptotic behaviour of nonlocal perimeters* (2017), preprint.

### Talks

- *A  $\Gamma$ -convergence result for nonlocal perimeters*, Seminario di Equazioni differenziali ed Applicazioni, Padova, 20 November 2017.

## PARTICIPATIONS TO WORKSHOPS AND SCHOOLS

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### Past

- 26 JUNE - 30 JUNE 2017: *New trends on Analysis and Geometry in Metric Spaces*, Levico Terme, Italy.
- 14 JUNE - 16 JUNE 2017: *Mean field games and related topics*, Rome, Italy.
- 5 JUNE - 9 JUNE 2017: *Ninth Summer School in Analysis and Applied Mathematics*, Rome, Italy.
- 3 MAY - 5 MAY 2017: *Contemporary research in elliptic PDEs and related topics*, Bari, Italy.
- 6 MARCH - 9 MARCH 2017: *Transport modeling and management*, Rome, Italy.
- 6 FEBRUARY - 10 FEBRUARY 2017: *XXVII Convegno Nazionale di Calcolo delle Variazioni*, Levico Terme, Italy.
- 28 NOVEMBER - 2 DECEMBER 2016: *PDE Models for Multi-agent phenomena*, Rome, Italy.
- AUGUST 2016: *Scuola matematica interuniversitaria*, Perugia, Italy.

### Future

- 25 JANUARY - 26 JANUARY 2018: *Interaction models: Mean Field Games, pattern formation and related topics*, Padova, Italy.
- 12 FEBRUARY - 16 FEBRUARY 2018: *XXVIII Convegno Nazionale di Calcolo delle Variazioni*, Levico Terme, Italy.
- 20 AUGUST - 16 AUGUST 2018: *New trends in the variational modeling of failure phenomena*, Wien, Austria.

## TEACHING

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- 2017-2018: teaching assistant for the course *Analisi matematica I* (Mathematical Analysis I) held by professor M. Novaga for the undergraduate program in *Matematica* (Mathematics) at University of Pisa.
- 2016-2017: problem sessions for the course *Algebra Lineare ed Analisi II* (Linear Algebra and Analysis II) held by professor S. Galatolo during the spring semester for the undergraduate program in *Ingegneria Elettronica* (Electronic Engineering) at University of Pisa.

## OTHER INFORMATION

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- Organizer, in collaboration with Alessandra Pluda (Universität Regensburg), of the workshop *From Regensburg to Pisa: two days of Analysis under the Leaning Tower*, held in Pisa, Italy, from 30 June 2017 to 1 July 2017.

- From 13 December 2016 to 31 October 2019, representative of the Ph.D. students of the Department of Mathematics of the University of Pisa.

27 November 2017