

**EUROPASS
CURRICULUM VITAE**



DICHIARAZIONE SOSTITUTIVA DI CERTIFICAZIONE AI SENSI DEGLI
ARTICOLI 46 E 47 DEL D.P.R. 28.12.2000 N. 445.

Il sottoscritto OLIVA FRANCESCANTONIO consapevole che le dichiarazioni mendaci, la falsità negli atti e l'uso di atti falsi sono puniti ai sensi del codice penale delle leggi speciali in materia, e consapevole che ove i suddetti reati siano commessi per ottenere la nomina a un pubblico ufficio, possono comportare, nei casi più gravi, l'interdizione dai pubblici uffici, dichiara che le informazioni contenute nel seguente CV corrispondono a verità.

PERSONAL INFORMATION

First name/surname

FRANCESCANTONIO OLIVA

E-mail

francesco@oliva.com

Nationality

ITALIAN

Date of birth

20/01/1987

EDUCATION AND TRAINING

- | | |
|--------------------------|--|
| • Dates | 11/2013-02/2017 |
| • Title of qualification | PHD degree in mathematical models in engineering, electromagnetism and nanoscience at Engineering department (SBAI) at University of Rome "La Sapienza". |
| • Principal subjects | Analysis of PDE's |
| • Dates | 2010-2013 |
| • Title of qualification | Master degree in Applied Mathematics at the University of Rome "La Sapienza". Title of the thesis: "Existence methods for semilinear elliptic equations with an absorption term and measure data". |
| • Principal subjects | Mathematical analysis, probability |
| • Dates | 2005-2010 |
| • Title of qualification | Bachelor degree in Mathematics. Title of the thesis: "Dinamica delle popolazioni: condizioni di sopravvivenza". |
| • Principal subjects | Mathematical analysis, probability, informatics. |
| • Dates | 2000-2005 |
| • Title of qualification | High school diploma at "Liceo Nomentano" in Rome. |

SCIENTIFIC PAPERS

1. Authors, Title and Status L.M. De Cave and F. Oliva, Elliptic equations with general singular lower order term and measure data, Nonlinear Analysis: Theory, Methods, Applications, 128, (2015) 391-411.
2. Authors, Title and Status F. Oliva and F. Petitta, On singular elliptic equations with measure sources, ESAIM: COCV, 22, (1), (2016), 289-308.
3. Authors, Title and Status L.M. De Cave and F. Oliva, On the regularizing effect of some absorption and singular lower order terms in classical Dirichlet problems with L^1 data, J Elliptic Parabol. Equ, 2, (1), (2016) 73-85
4. Authors, Title and Status L.M. De Cave, F. Oliva and M. Strani, Existence of solutions to a non-variational singular elliptic system with unbounded weights, Mathematische Nachrichten 290, (1-2), (2017), 236-247.
5. Authors, Title and Status F. Oliva and F. Petitta, Finite and Infinite energy solutions of singular elliptic problems: Existence and Uniqueness, ArXiv:1611.08283.
6. Authors, Title and Status F. Oliva, Nonhomogeneous parabolic equations with irregular data and singularities, Preprint.
7. Authors, Title and Status M. Magliocca and F. Oliva, Existence of solutions with finite energy for a parabolic problem with singular repulsive gradient, Preprint.
8. Authors, Title and Status V. De Cicco, D. Giachetti, F. Oliva and F. Petitta, Dirichlet problems with 1-Laplacian principal part and strong singularities, Preprint.
9. Authors, Title and Status L. M. De Cave, R. Durastanti and F. Oliva, Existence and uniqueness of solutions to a singular problem, In preparation.

TALKS

- **05/2017** Existence and uniqueness of a solution to some 1-Laplace elliptic equations, International Conference on Elliptic and Parabolic Problems, Gaeta.
- **05-2016** Existence and uniqueness of a solution to some singular elliptic equation, 9th European Conference on Elliptic and Parabolic Problems, Gaeta.
- **03-2016** On the uniqueness of the solution on a singular elliptic problem, Departamento de Analisis Matematico, Universidad de Granada.
- **01-2015** Singular elliptic equations with measure data, Departamento de Analisis Matematico, Universidad de Granada.
- **04-2014** On a singular elliptic equations with measure data, Dipartimento SBAI, Sapienza



ABROAD EXPERIENCES

- **06/16** Visiting at the University of Lausanne in the group of research of Prof. Bernard Dacorogna (1 week)
- **02-04/16** Visiting at the University of Granada in the group of research of Prof. David Arcoya.
- **10-02/15** Visiting at the University of Granada in the group of research of Prof. David Arcoya.

RESEARCH PROJECTS

As Principal Investigator

- **2015** Winner of the grant "Bando Ricerca Scientifica Anno 2015: Progetti Avvio alla ricerca" funded by University of Rome "La Sapienza".

As Member

- **2017** GNAMPA-INDAM 2017 Project. P.I. Virginia De Cicco
- **2016** GNAMPA-INDAM 2016 Project. P.I. Francesco Petitta
Sapienza University 2016 Project P.I. Virginia De Cicco
- **2014** GNAMPA-INDAM 2014 Project. P.I. Lucio Boccardo
Sapienza University 2014 Project P.I. Francesco Petitta

TEACHING ACTIVITIES

- **2014** Teaching assistant for the course of Mathematical Analysis II, Department of Architecture at Roma 3 University

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE ITALIAN

OTHER LANGUAGE ENGLISH

- Reading EXCELLENT
- Writing EXCELLENT
- Speaking GOOD



OTHER LANGUAGE

- Reading
- Writing
- Speaking

COMPUTER SKILLS AND
COMPTENCES

DRIVING LICENSE

Autorizzo al trattamento dei miei dati
personali ai sensi del D.lgs. 196 del
30 Giugno 2003

Roma 28/05/2017

SPANISH

EXCELLENT
GOOD
GOOD

Matlab, R, Python, Fortran, Mathematica, Pacchetto Office, LaTeX, C#, sql, .net: *Good*

B (Italian Rank)

A handwritten signature in black ink, appearing to read 'Frodo B.', is written on the right side of the page.