E UROPASS CURRICULUM VITAE

PERSONAL INFORMATION

First name/surname	**FRANCESCANTONIO OLIVA**
Address	
Mobile	
E-mail	
Nationality	ITALIAN
Date of birth	20/01/1987

PREVIOUS POSITION

• Qualification	POSTDOC RESEARCHER AT UNIVERSITY OF ROME "LA SAPIENZA"
• Dates	07/2017-06/2018

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" on 08/02/2017. Grade : cum laude.
• 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 Analisys: 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 L1 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 Nachricten 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, Journal of Differential Equations 264 (2018), 311-340.

6. Authors, Title and Status   L. M. De Cave, R. Durastanti and F. Oliva, Existence and uniqueness results for possibly singular nonlinear elliptic equations with measure data, Nonlinear Differ. Equ. Appl. (2018) 25: 18.

7. Authors, Title and Status   V. De Cicco, D. Giachetti, F. Oliva and F. Petitta, The dirichlet problem for singular elliptic equations with general nonlinearities, arXiv:1801.03444, Submitted.

8. Authors, Title and Status   F. Oliva, Regularizing effect of the absorption term in singular problems, Work in progress.

9. Authors, Title and Status   F. Oliva, B. Sciunzi and G. Vaira, Radial symmetry for a quasilinear elliptic equation with a critical Sobolev growth and Hardy potential, Work in progress.

TALKS

- **05/2017**   Existence and uniqueness of a solution to some 1-Laplace elliptic equations, Intenational 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

- **2017**   TEACHING FOR THE COURSE OF MATHEMATICAL ANALYSIS II (ISTITUZIONI MATEMATICHE 2), DEPARTMENT OF ARCHITECTURE AT SAPIENZA, UNIVERSITY OF ROME (37,5 HOURS).

- **2014**   TEACHING ASSISTANT FOR THE COURSE OF MATHEMATICAL ANALYSIS II, DEPARTMENT OF ARCHITECTURE AT ROMA 3 UNIVERSITY

MOTHER TONGUE	ITALIAN
OTHER LANGUAGE	ENGLISH
• Reading	EXCELLENT
• Writing	EXCELLENT
• Speaking	GOOD
OTHER LANGUAGE	SPANISH
• Reading	EXCELLENT
• Writing	GOOD
• Speaking	GOOD
COMPUTER SKILLS AND COMPTENCES	Matlab, R, Python, Fortran, Mathematica, Pacchetto Office, LaTex, C#, sql, .net: *Good*
DRIVING LICENSE	B (Italian Rank)

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

Roma 13/07/2018