

ANTONIO AGRESTI

PERSONAL DATA

PLACE AND DATE OF BIRTH: Fondi, Italy | April 18, 1992
EMAIL: antonio.agresti92@gmail.com
agresti@mat.uniroma1.it

EDUCATION

NOV 2017 - CURRENT	PhD in MATHEMATICS <i>Sapienza University of Rome, Mathematics Department Guido Castelnuovo</i> INTERNAL ADVISOR: D. SFORZA (SBAI DEPARTMENT) EXTERNAL ADVISOR: M.C. VERAAR (DELFT UNIVERSITY OF TECHNOLOGY) Tutor: A. Siconolfi
JUL 2017	Master's Degree in MECHANICAL ENGINEERING 110 cum laude, <i>Sapienza University of Rome</i> Title of the thesis: "Controllo alternante per l'equazione delle onde" Supervisors: D. Andreucci, P. Loreti, A. Carcaterra
NOV 2014	Bachelor's Degree in MECHANICAL ENGINEERING 110 cum laude, <i>Sapienza University of Rome</i>

RESEARCH VISITS

5 NOV 2018 - 7 DIC 2018	DEPARTMENT OF APPLIED MATHEMATICS, TU DELFT <i>Supervisor: M.C. Veraar</i>
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WORK EXPERIENCE

NOV 2018 - MAR 2019	TUTOR FOR ANALYSIS II Electronic Engineering <i>Sapienza University of Rome</i>
NOV 2017 - MAR 2018	TUTOR FOR ANALYSIS II Electronic Engineering <i>Sapienza University, Rome</i>
NOV 2016 - MAR 2017	TUTOR FOR ANALYSIS II Electronic Engineering <i>Sapienza University of Rome</i>

CONFERENCES

- JUL 2018 | 15TH INTERNATIONAL CONFERENCE ON INFORMATICS IN CONTROL, AUTOMATION AND ROBOTICS (ICINCO)
Porto, Portugal
Contributed talk: “*Variable Support Control for the Wave Equation: A Multiplier Approach*”
- JUL 2018 | HARMONIC ANALYSIS FOR STOCHASTIC PDES
Delft, Netherlands
Contributed talk: “*A quasilinear approach to fully nonlinear parabolic SPDEs on \mathbb{R}^d* ”
- JUL 2018 | SIMAI 2018
Rome, Italy
Contributed talk: “*Control set for the wave equation*”
- MAY 2017 | INTERNATIONAL CONFERENCE ON ELLIPTIC AND PARABOLIC PROBLEMS
Gaeta, Italy
Contributed talk in the mini-symposium *Differential Problems in Applications*, with title
“*Exact controllability through switching control at the boundary for an elastic string*”

SEMINARS

- APR 2018 | Seminar title: “*A quasilinear approach to fully nonlinear parabolic SPDEs on \mathbb{R}^d* ”.
University: Technology University of Delft, Netherlands

SCHOOLS

- GEN 2019 | STOCHASTIC PDES AND MEAN-FIELD GAMES
Bologna, Italy
- JUL 2018 | DEVELOPMENTS IN STOCHASTIC PARTIAL DIFFERENTIAL EQUATIONS
IN HONOUR OF GIUSEPPE DA PRATO
Varese, Italy
- FEB 2018 | MATHEMATICAL CHALLENGES IN QUANTUM MECHANICS
Roma, Italy

LANGUAGES

- ITALIAN: Mothertongue
ENGLISH: Good Knowledge

RESEARCH INTERESTS

Functional Analysis, Harmonic Analysis, SPDEs and Stochastic Analysis.

PUBLICATIONS

PROCEEDINGS: *Variable Support Control for the Wave Equation - A Multiplier Approach*
with D. Andreucci and P. Loreti
ICINCO, 2018

PREPRINT: *Alternating and Variable Controls for the wave equation*
with D. Andreucci and P. Loreti
arXiv preprint arXiv:1712.00797

A quasilinear approach to fully nonlinear parabolic SPDEs on \mathbb{R}^d
arXiv preprint arXiv:1712.00797

Stability properties of Stochastic maximal L^p -regularity
with M. Veraar
arXiv preprint arXiv:1901.08408