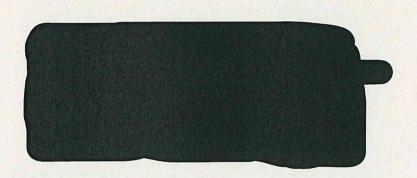
Nico Michele Schiavone

Curriculum Vitae



Date of Birth
Nationality
Gender

Current position

PhD student in Mathematics XXXIV ciclo, Sapienza Università di Roma, Roma, Italy.

Education

2016–2018 Master's degree in Mathematics, Università degli studi di Bari, Bari, Italy.

o Final mark: 110/110 cum laude. Graduation day: 11/10/2018

o Grade point average: 29.23/30

12/01/2018- Global Thesis exchange student, Future University Hakodate, Hakodate, Japan.

04/04/2018 o As a winner of the Global Thesis study award, I wrote my Master's thesis in Hakodate (Japan) under the supervision of Prof. Hiroyuki Takamura

 This collaboration produced a paper, appeared on arXiv.org and to be published in the book New Tools for Nonlinear PDEs and Application (Birkhäuser)

2013-2016 Bachelor's degree in Mathematics, Università degli studi di Bari, Bari, Italy.

o Final mark: 110/110 cum laude. Graduation day: 16/12/2016

o Grade point average: 29.25/30

2008-2013 High school graduate, Liceo scientifico E. Amaldi, Bitetto BA, Italy.

o Final mark: 100/100

Theses

Master's Thesis

Title Blow-up for semilinear wave equations with scattering damping and negative mass

term

Supervisors Professor Sandra Lucente & Professor Hiroyuki Takamura

Description In this thesis we achieved new results on the blow-up of the energy solution for a special kind of semilinear wave equations with scattering damping and negative

mass term

Bachelor's Thesis

Title Stime $L^p - L^q$ per Somme Trigonometriche e Integrali Oscillanti ($L^p - L^q$ Estimates for Trigonometric Sums and Oscillatory Integrals)

Supervisor Professor Sandra Lucente

Description We studied the asymptotic behaviour for the best constant in L^p-L^q estimates for trigonometric polinomials and for an integral operator related to the solution of the inhomogeneous Schrödinger equation

Attended conferences, schools & workshops

24/09/2018— Workshop MAR: Metric Analysis & Regularity, Università degli studi di Catania, 28/09/2018 Catania, Italy.

02/07/2018— The 11th Mathematical Society of Japan Seasonal Institute (MSJ-SI 2018) — 13/07/2018 The Role of Metrics in the Theory of Partial Differential Equations, *Hokkaido University*, Sapporo, Japan.

I attended the symposium thanks to the generous invitation of Prof. Hiroyuki Takamura. I participated to the poster session to exhibit our recent results.

06/05/2018- **Junior Math Days**, SISSA - Scuola Internazionale Superiore di Studi Avanzati, 10/05/2018 Trieste, Italy.

16/04/2018 Introduction to the theory of self-adjoint operators, BCAM – Basque Centre 20/04/2018 for Applied Mathematics, Bilbao, Spain. Course of five lessons held by Dr. Fabio Pizzichillo

20/12/2017- Xmaths Workshop, Università degli studi di Bari, Bari, Italy. 21/12/2017

24/07/2017 - Scuola Matematica Interuniversitaria Perugia 2017, University of Perugia, Pe-18/08/2017 rugia, Italy.

I attended the courses:

 Introduction to Partial Differential Equations, Prof. Fausto Ferrari & Prof. Raffaella Servadei. Exam grade: A

O Differential Geometry, Prof. Francesco Mercuri. Exam grade: B

March-June INdAM Intensive Period - Contemporary research in elliptic PDEs and re-2017 lated topics, *Università degli studi di Bari*, Bari, Italy. A series of ten minicourses in contemporary mathematics. Organizers: Prof. Serena Dipierro,

Prof. Enrico Valdinoci

Awards & Grants

2018 Global Thesis study award 2016-2017, Università degli studi di Bari, Bari, Italy.

2018–2017 Book token for deserving students, Università degli studi di Bari, Bari, Italy.

2016–2015 Winner for four consecutive academic years of a prize of 260.00€ to be used for the purchase of books. Requirements include passing all the exams by October 31 of each academic year with a grade point average of not less than 29/30

Publications

[1] N.-A. Lai, N.M. Schiavone, H. Takamura, Wave-like blow-up for semilinear wave equations with scattering damping and negative mass. arXiv preprint arXiv:1804.11073 (2018). Submitted for publication on New Tools for Nonlinear PDEs and Application, Birkhäuser

Computer skills

Very good Microsoft Office tools (Word, Excel, PowerPoint, Outlook), LATEX

knowledge

Basic MATLAB, Octave, SageMath, C++

knowledge

Certificates

19/04/2012 ECDL CAD

04/03/2011 ECDL-European Computer Driving License

Languages

Italian Mothertongue

English Intermediate

Cambridge English: First (FCE) - Level B2 (23/11/2012)

Language abroad experiences

16/07/2012- Concorde International study trip, University of Worcester, St John's Campus,

06/08/2012 Worcester, United Kingdom.

 Within the project C1-FSE02-POR PUGLIA-2012-192 "Across cultures 3" financed by European funds

o ESOL certificate of attendance equivalent to CEF level B2

O Attended English language course in preparation for the First Certificate in English exam

16/07/2008- MLA Tour Operator study trip, Heriot-Watt University, Edinburgh Campus, Ed-

30/07/2008 inburgh, United Kingdom.

o Attended English language course

Additional information

29/09/2017 Scientific animator at Notte Europea dei Ricercatori 2017 ("European Night of Researchers"), held in Bari



09/11/2018

