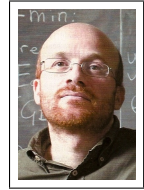


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Abridged version

Education and appointments (unabridged at pp.3–5)

1988 – 1992 Four year degree in Mathematics, Sapienza University, 110 cum laude
1992 – 1993 Scholarship, Istituto Nazionale di Alta Matematica, Roma
1993 – 1997 PhD in Mathematics, Sapienza University,
1996 – 2004 Assistant professor (MAT/05 - Analysis), Sapienza University
1999, post-doc C.N.R. scholarship, Indiana University (USA) 6 months
2005 – 2019 Associate professor (MAT/05 - Analysis), Sapienza University
2019 – ongoing Full professor (MAT/05 - Analysis), Sapienza University
2008 – 2011 Associate to Istituto per l'Applicazione del Calcolo (CNR)
long visits 2004: European project HYKE, Université de Nice Sophia-Antipolis (France) 3m; 2006: Université de Lille (France) 1m; 2008: Indiana University (USA) 1m; 2010: Universidad Nacional Autonoma de México (Mexico) 1m; 2013: École Centrale de Paris (France) 1m; 2014: École Centrale de Paris (France) 1m; 2017: Universidad Nacional Autonoma de México (Mexico) 3w; 2019-20: Université Côte d'Azur (France) 4m.

Scientific activity (unabridged at pp.5–14)

Research area Partial differential equations (mainly, evolution equations): stability, nonlinear waves, singular limits, well-posedness, large-time behavior.
Mathscinet Publications 52. Citations 681. H-index 14 (more bibliometry at p.5)
Author/Editor 65 regular papers (11 single authored), 2 special issues, 2 books editor, 4 didactic texts
Phd advisor 5 PhD students: *M. Strani* (Mathematics, Sapienza University) defended in 2012; *A. Aspri* (Mathematics, Sapienza University) and *R. Folino* (Mathematics and Modeling, University of L'Aquila) defended in 2017; *T. T. Nguyen* (GSSI, L'Aquila) defended in 2018; *P. Moschetta* (Mathematics, Sapienza University) defended in 2020
Lectures Selection: 19 invited seminars (since 2004), 13 invited speaker (since 2004)
Highlights Invited speaker at *11th Conference on Hyperbolic Problems, Lyon 2006*. Colloquium especiales de Matemática Aplicadas at *UNAM, Mexico City 2010*. Seminars at *Université Pierre et Marie Curie 2011*, *Université Paris-Sud 2013*, *Université Grenoble Alpes 2019*, *Université Côte d'Azur (Nice) 2022*, *Chinese University of Hong Kong 2022*. Plenary speaker at *IperGSSI, 16th Italian Meeting on Hyperbolic Equations, L'Aquila 2015*.

- Funds as p.i. Young researchers (Sapienza 2001, 10 Keuro); GNAMPA Project (Indam 2008, 4 Keuro); Research project (Sapienza 2013, 8 Keuro); Research project (Sapienza 2020, 12 Keuro).
- Committees for PhD defence 7 *Mathematics* (G.Fabbri, L.Rossi 2006; E.Felaco, S.Melillo, A.Sepe 2010); 1 *Engineering and mathematical modelling* (A.Maurizi 2010); 3 *Mathematical models and methods* (M.Chiricotto, C.R.Filardo, I.Guaraldo 2012); 2 *Mathematical Sciences* (F. Angeles, E. Álvarez 2022).
- Miscellanea 4 advanced courses. 7 seminars cycles, conference and workshop organizations. (Intense) referee activity. Member of ERC Starting grant *ConsLaw* (p.i.: S.Bianchini). MIUR reviewer. Member HDR Committee of M. Ersoy.

Teaching activity (unabridged at pp.15–18)

- Didactic material *Note di Analisi Matematica* (on-line, 2008) with L.Lamberti; *EDO - Equazioni differenziali ordinarie* (Pitagora editrice, 2012); *Un invito alla Biomatemática. Equazioni differenziali ordinarie* (La Dotta editrice, 2014) with E.Montefusco; *BioMat1.0* (La Dotta editrice, 2018) with E.Montefusco, A.Terracina.
- Inside Math: L *Bachelor in Mathematics* (3yrs): Calculus 1 (2011/12), Calculus 2 (2008/09), Mathematical analysis (2002/03), Differential equations (2004/05, 2005/06, 2006/07, 2009/10, 2016/17), Real Analysis (2019/20).
- Inside Math: M *Master in Applied Mathematics* (2yrs): Mathematical modeling (2004/05, 2005/06, 2009/10, 2010/11, 2011/12, 2014/15, 2018/19, 2019/20).
- Outside Math Different basic courses for students in Architecture, Chemistry, Industrial chemistry, Computer sciences, Physics, Statistics.
- Master thesis 33 students (11 Mathematics, 19 Applied Mathematics). Topics: Biomathematics (14), Hyperbolic equations (7), Didactic of Mathematics (5), Geomathematics (3), Mixed (4).
- Bachelor thesis 40 students. Topics: Reaction-diffusion equations (8), Dynamical systems (10), Economy and finance (5), Control theory and differential games (3), Evolution equations (5), Functional analysis (3), Differential models (3), others (3).
- Miscellanea Participation to *Project PLS* (activities with high-school students). Seminar series for undergraduate students (INDAM and Sapienza Excellence courses in Mathematics). Lecture series for Informatics: Integral calculus (Sapienza–Unitelma), 25h.

Management and third mission (unabridged at pp.19–20)

- International relations Academics Coordinator and Supervisor for International Mobility for the Department of Mathematics, Faculty of Science, since April 2020
- Panels and boards *Department Board (Giunta di Dipartimento)* 2000, representative of Researchers. *Scientific Research Panel* (Sapienza University) 2010, representative of Associate professors of the Science Faculty
- PhD Boards PhD in Applied Sciences for Environmental Protection and Cultural Heritage 2009–2011; PhD in Mathematics, 2011–2020
- Selection committees Member of Scientific Boards for 1 permanent position (L'Aquila 2002, Padova 2003), 9 PhD fellows in Mathematics (Sapienza 2012), 2 two-years research fellows (Sapienza 2013), 1 three-years research fellow (Campus Bio-Medico, Rome 2014), 1 one-year research fellow (Sapienza 2018)
- Popularization of mathematics *Explora*, contributions (RAI educational, 2004–06). *Alfabeto Matematico*, regular column in *MaddMaths!* (SIMAI+UMI, 2010–2016). *Modellare con carta e penna*, invited contribution in *S&F scienzaefilosofia.it*