Curriculum Vitae

1976: laurea in Matematica, University of Genova (supervisor prof. E.Bombieri);
1976: perfezionando, Scuola Normale Superiore of Pisa;
1980: ricercatore, Scuola Normale Superiore of Pisa;
1987: full professor, University of Napoli;
1991: full professor, University of Genova, MAT/02 and then MAT/05.

Didactics: for several years I held courses of: Istituzioni di Matematica (Biologia), Geometria (Ingegneria), Analisi Matematica 1 (Matematica), Teoria dei Numeri (Matematica), Analisi Complessa (Matematica), Analisi Matematica 4 (Matematica), Analisi Matematica 1 (Ingegneria).

Main research interests: analytic number theory, and in particular:
- L-functions, in particular the structure of the Selberg class of L-functions;
- additive problems with prime numbers and exponential sums: Goldbach type problems, bounds and norms of exponential sums;
- distribution of prime numbers, primes in short intervals;
- sieve problems for polynomials in several variables;
- problems of diophantine approximation.

Author of about 130 papers and editor of Acta Arithmetica, Functiones et Approximatio and Journal of Combinatorics and Number Theory. Research collaboration with several mathematicians, in particular: A.Balog (Budapest), E.Bombieri (Princeton), J.Brüdern (Gottingen), A.Granville (London), A.Diaconu (Minneapolis), J.Kaczorowski (Poznan'), A.Languasco (Padova), G.Molteni (Milano), M.R.Murty (Kingston), M.Nair (Glasgow), J.Pintz (Budapest), R.C.Vaughan (Penn State Univ.), J.Wolfart (Frankfurt), T.D.Wooley (Bristol), A.Zaccagnini (Parma), A.Zaharescu (Urbana), U.Zannier (Pisa).

Organizer, with F.Amoroso, E.Bombieri, J.Kaczorowski, C.Viola and U.Zannier, of several conferences and summer schools (Symposium on Analytic Number Theory (Amalfi 1989), Diophantine Approximation and Analytic Number Theory (Pisa 1999), Analytic Number Theory (Cetraro 2002), Number Theory Days (Poznan' 2006)). Participation in several conferences and workshops since 1977; member of the Institute for Advanced Study (Princeton, USA) during academic years 1990/91 and 1999/00.

Research coordinator and supervisor: national and local coordinator of research grant "Teoria dei Numeri" for several years; Italian coordinator of the EEC network "Number

Theory" in 1993-95; national and local coordinator of several PRIN projects in number theory; supervisor of the PhD students A.Zaccagnini, D.Bazzanella, A.Languasco, G.Molteni, L.Goldoni, M.Righetti, F.Monopoli and G.Zaghloul.