

## Piermarco Cannarsa

Piermarco Cannarsa was born in Rome on February 21<sup>st</sup>, 1957. He is married with three children.

Cannarsa got his degree in Mathematics at the Scuola Normale Superiore Pisa in 1979. He was Assistant Professor at the Naval Academy in Livorno, Researcher at the University of Rome “Tor Vergata”, and Associate Professor at the University of Pisa. In 1990, he was appointed Professor in Mathematical Analysis at the University of Rome “Tor Vergata”, where he served as graduate-course chairman for eight years and where he currently serves as chairman of the undergraduate courses in Mathematics. He supervised six Ph. D. thesis.

Cannarsa’s scientific interests include partial differential equations, control theory, and nonsmooth analysis. His current research is concerned with regularity of viscosity solutions to Hamilton-Jacobi-Bellman equations, singularities of (semi)concave functions in finite and infinite dimensions, and controllability of nonlinear evolution equations.

Cannarsa authored more than 70 papers in international journals, and the book *Semiconcave fuunctions, Hamilton-Jacobi equations, and optimal control*, published by Birkhäuser in 2004. He served as Associate Editor for the SIAM Journal on Control and Optimization, and for the Journal of Mathematical Systems, Estimation, and Control. He is currently in the editorial board of the Rendiconti di Matematica.

Cannarsa has given lectures at various Italian and foreign universities, including the Scuola Normale Superiore Pisa, the Ecole Normale Supérieure de Paris, and Princeton University. He was invited speaker at several international conferences and gave plenary talks at the 4<sup>th</sup> SIAM Conference on Control and Its Applications in 1998, at the 17<sup>th</sup> Congress of the Italian Mathematical Society in 2003, and at the 22<sup>nd</sup> IFIP TC 7 Conference on Systems Modeling and Optimization in 2005. He visited, as invited professor, the universities of Maryland, Paris-Dauphine, Carnegie-Mellon, Strasbourg, ENS Cachan (Antenne de Bretagne), Metz, Brest, Lyon, Toulouse, Montpellier, and Ecole Polytechnique. He participated in the organization of several international conferences.

For eight years since June 1999, Cannarsa was the Vice-President of the Istituto Nazionale di Alta Matematica, a national institution for promotion of mathematical education and research.

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<sup>1</sup>Updated June 2007.