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EDUCATION

1990-1992	**Ph.D. in Mathematics**, Courant Institute of Mathematical Sciences, New York University, USA. Research in numerical analysis of partial differential equations. Thesis on domain decomposition algorithms for spectral and p-version finite element methods; advisor: Prof. Olof B. Widlund.
1988-1990	**Master in Mathematics**, Courant Institute of Mathematical Sciences, New York University, USA.
1987-1988	**Istituto Nazionale di Alta Matematica F. Severi (INdAM)**, Roma, Italy.
1982-1987	**Laurea in Matematica (B.S.)**, University of Pavia, Italy. Summa cum laude. Thesis on numerical methods for parabolic partial differential equations; advisor: Prof. Claudio Baiocchi.

PROFESSIONAL EXPERIENCE

2016–present	**Full Professor of Numerical Analysis** Department of Mathematics, University of Pavia, Italy.
2001–2016	**Full Professor of Numerical Analysis** Department of Mathematics, University of Milano, Italy.
1998–2001	**Associate Professor of Numerical Analysis** Department of Mathematics, University of Milano, Italy.
1994–1998	**Assistant Professor**, Department of Mathematics, University of Pavia, Italy.
1992–1994	**Postdoctoral Research Associate**, Department of Computational and Applied Mathematics, Rice University, USA.
1991–1992	**Teaching Assistant**, Courant Institute of Mathematical Sciences, NYU, USA.
Summer 1990	**IBM T.J. Watson Research Center**, Yorktown Heights, NY, USA. Summer position in the Modeling theory and algorithms group.

HONORS AND SCHOLARSHIPS

1993 Wilhelm T. Magnus Prize from the Courant Institute, NYU.

National Research Council (CNR, Italy) Scholarship, 1986 and 1988-91.

Istituto Nazionale di Alta Matematica (INdAM) Scholarship, 1987-88.

St. John's College, Cambridge, England. Summer scholarship, 1986.

Visiting professor at: Courant Institute, NYU, Zuse Institut Berlin ZIB, Germany (2004, 06), Mittag-Leffler Institute, Royal Academy of Science, Sweden (1998), Institute for Mathematics and Applications (IMA), Minneapolis, USA (1997), NASA, Langley Research Center (ICASE), USA (1995, 96), Computer Science Dept., University of Maryland, College Park, USA (1995).

PUBLICATIONS

124. L. F. Pavarino, S. Scacchi, C. Verdi, E. Zampieri, and S. Zampini, Scalable BDDC Algorithms for Cardiac Electromechanical Coupling, In *Domain Decomposition Methods in Science and Engineering XXIII*. C.-O. Lee et al. Springer LNCSE 116,pp. 261–268, 2017.

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120. L. F. Pavarino, S. Scacchi, Isogeometric block FETI-DP preconditioners for the Stokes and mixed linear elasticity systems. *Computer Methods in Applied Mechanics and Engineering*, 310: 694–710, 2016.

119. M. Cai, L. F. Pavarino, Hybrid and multiplicative overlapping Schwarz algorithms with standard coarse spaces for mixed linear elasticity and Stokes problems. *Commmunication in Computational Physics*, 20 (4): 989–1015, 2016.

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117. T. Dickopf, M. J. Gander, L. Halpern, R. Krause, L. F. Pavarino, Eds. *Domain Decomposition Methods in Science and Engineering XXII*. Springer LNCSE 104, 2016.

116. P. Colli Franzone, L.F. Pavarino, S. Scacchi, Bioelectrical effects of mechanical feedbacks in a strongly coupled cardiac electro-mechanical model. *Mathematical Models and Methods in Applied Sciences*, 26 (1): 25 –57, 2016.

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113. P. Colli Franzone, L.F. Pavarino, S. Scacchi, Relationship between cardiac electrical and mechanical activation markers by coupling Bidomain and deformation models. In *FIMH 2015*, H. van Assen et al. (Eds.), Springer LNCS 9126, pp. 304–312, 2015.

112. M. Cai, L. F. Pavarino, O. B. Widlund, Overlapping Schwarz Methods with a Standard Coarse Space for Almost Incompressible Linear Elasticity. *SIAM Journal on Scientific Computing*, 37 (2): A811 – A830, 2015.

111. P. Colli Franzone, L.F. Pavarino, S. Scacchi, Parallel multilevel solvers for the cardiac electromechanical coupling. *Applied Numerical Mathematics*, 95: 140 – 153, 2015.

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