CURRICULUM VITAE of LUCIA GASTALDI

POSITION
Full Professor of Numerical Analysis
Dipartimento di Ingegneria Civile, Architettura, Territorio, Ambiente e di Matematica
Università degli Studi di Brescia

AFFILIATION
Research fellow at the IMATI-CNR, Pavia

EDUCATION
Lauream Degree in Mathematics, Università degli Studi di Pavia, Italy (1978)

ACADEMIC POSITIONS
Full Professor of Numerical Analysis, Università degli Studi di Brescia, 11/1997 - now
Full Professor of Numerical Analysis, Università degli Studi di Roma "La Sapienza", 11/1996 10/1997
Associate Professor of Numerical Analysis, Università degli Studi di Pavia, 11/1990-10/1196
Associate Professor of Numerical Analysis, Università degli Studi di Trento, 9/1987-10/1990
Researcher of Numerical Analysis, Università degli Studi di Pavia, 8/1980-8/1987

SCIENTIFIC INTERESTS
My scientific interest regards the approximation by finite elements of partial differential equations.
In particular I have obtained some results in the following topics:
- error estimates for mixed and nonconforming finite elements applied to elliptic second order problems;
- finite element discretization of eigenvalue problems;
- fluid-structure interaction problems;
- eigenvalue problems for PDEs;
- adaptive finite element methods.

I am author of about 60 papers.
I have been invited to present the results of my research during several international conferences.

ADDITIONAL INFORMATION

- Chief of Dipartimento di Matematica of the Università degli Studi di Brescia 01.11.2007-31.10.2012
- Member of evaluation committees for appointments of full and associate professors.
- Member of the Editorial Board of SIAM Journal on Numerical Analysis, Computers & Mathematics with Applications, Computers & Structures.
- Referee for some inetrnational journals, among which: Mathematics of Computation, SIAM Journal on Numerical Analysis, Mathematical Models and Methods in Applied Sciences, Numerische Mathematik, IMA Journal of Numerical Analysis, Applied Numerical Mathematics, Computer Methods in Applied Mechanics and Engineering.