

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 international 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.