

## Curriculum vitae

### **Dagnino Catterina** **Full Professor of Numerical Analysis**

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### **EDUCATION**

1971 Degree in Mathematics “cum laude”, University of Turin, Italy.

### **POSITIONS HELD**

1971-1973 CNR research grant at University of Turin;  
1973-1983 Assistant Professor, Faculty of Sciences, University of Turin;  
1983-1986 Associate Professor of Numerical Analysis, Faculty of Engineering, Polytechnic of Turin;  
1986-1991 Full Professor of Numerical Analysis, Faculty of Engineering, University of L’Aquila;  
1991 --- Full Professor of Numerical Analysis, Department of Mathematics, University of Turin;  
1997-1999 Member of the scientific board of PhD. Program in Computational Mathematics and Operational Research, University of Milan;  
1999-- Member of the scientific board of PhD. Program in Mathematics, University of Turin;  
2003-2008 Chair of "Seminario Matematico dell’ Università e del Politecnico di Torino";  
2007-2010 Vice-Head of the Department of Mathematics, University of Turin;  
2010-2015 Head of the Department of Mathematics, University of Turin;  
2012-2015 Member of the Academic Senate (Governing body) of the University of Turin;  
2013-- Member of the Science Academy of Turin.

### **TEACHING EXPERIENCES**

- Courses taught at various levels (undergraduate, graduate and PhD):

- Numerical Analysis;
- Approximation Methods;
- Numerical Methods for Computer Graphics;
- Numerical Methods for CAGD;
- Multivariate Splines.

- Supervisor for master students and PhD. students.

## SCIENTIFIC ACTIVITY

### **\*\*Research Activity\*\***

- Author of papers on Numerical Analysis topics (see "Catalogo prodotti della ricerca, Università di Torino").
- Her researches deal with topics of Numerical Mathematics, with particular reference to:
  - Univariate and multivariate spline approximation, with applications both to CAGD and to integral and differential problems;
  - Quadrature and Cubature Formulas ;
  - Numerical solution of integral equations;
  - Numerical algorithms and mathematical software.
- Main recent international collaborations: Prof. Paul Sablonnière, Institut National des Sciences Appliquées (INSA) e Rennes University (France); Prof. Ren-Hong Wang, Dalian University of Technology, Dalian (China); Dr. Chong-Jun Li, Dalian University of Technology, Dalian (China).

### **\*\* Other Scientific Activities\*\***

- Principal investigator of research teams in projects funded by: MIUR (PRIN), CNR, INDAM, Polytechnic of Turin , University of L'Aquila and University of Turin;
- Speaker in national and international conferences;
- Chair or member of the Scientific Committee of many scientific events;
- Editor in chief of "Rendiconti del Seminario Matematico dell'Università e del Politecnico di Torino", 2003-2008;
- Member of the the Scientific Committee of "Rendiconti del Seminario Matematico dell'Università e del Politecnico di Torino", 2008---
- Referee for international journals on Numerical Analysis and reviewer of Mathematical Reviews
- Member of UMI and GNCS (INDAM).