

# prof. Mariarosaria Rizzardi

Associate professor of Applied and Computational Mathematics (01/A5)

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## Current position

Associate Professor of Applied and Computational Mathematics (since 1990, Numerical Analysis - SSD MAT/08, SC 01/A5), DiST - Department of Science and Technology, *Parthenope* University, Naples.  
E-Learning service representative for DiST, 2007-today.

## Education and former positions

*Laurea cum laude* in Mathematics, University of Naples *Federico II*, 1978.  
Postdoc Fellow in Numerical Analysis, National Research Council of Italy, Department of Mathematics and Applications, University of Naples *Federico II*, 1979-1982.  
Assistant Professor (Numerical Analysis), Department of Mathematics and Applications, University of Naples *Federico II*, 1982 -1987.  
Associate Professor of Numerical Analysis, Department of Mathematics, University of Lecce, 1987-1990.

## Teaching activities

Lecturer of Numerical Computing and Statistics, Faculty of Engineering, University of Naples *Federico II*, 1993-1996.  
Lecturer of Numerical Analysis, Faculty of Sciences, SUN - the Second University of Naples (current University of Campania *Luigi Vanvitelli*), 1996-1999.  
Lecturer of Geometry and Algebra, Faculty of Naval Sciences, *Parthenope* University, 1996-2001.  
Lecturer of Linear Algebra, Faculty of Naval Sciences, *Parthenope* University, 2001-2004.  
Lecturer of Applied Mathematics, Department of Engineering, *Parthenope* University, 2000-2007.  
Member of the Teacher Staff of the Training School for Teachers in Computer Science in the Secondary School, *Parthenope* University, 2003-2009.  
Didactic Manager for the Training School for Teachers in Computer Science in the Secondary School, *Parthenope* University, 2007-2008.  
Member of the Teacher Staff of the PhD Program in Geomatics, *Parthenope* University, 2012-2013.  
Lecturer of *Computer Programming and Data Structures* (Bachelor's degree in *Computer Science*), *Parthenope* University, 2001-today.  
Lecturer of *Applied and Computational Mathematics* (Bachelor's degree in *Computer Science*), *Parthenope* University, 2001-today.  
Lecturer of *Scientific Computing Applications*, 2nd part (Master's degree in Applied Computer Science), *Parthenope* University, 2004-today.

**Research fields and areas of Interest**

Mathematical Software Production, Algorithms and Software for Parallel and Distributed Systems, Inverse Problems, Algorithms and Applications, e-Learning, Machine Learning, Computer Arithmetic.

**Professional skills**

Production of Web-Learning objects, Programming Languages: MATLAB, C/C++, Python, Java.