Europass Curriculum Vitae

Personal information

First name(s) / Surname(s)	**Rossana Vermiglio**
Address	via delle Scienze, 206, I-33100 Udine, Italy
Telephone	+39 0432 558424
E-mail	rossana.vermiglio@uniud.it
Date of birth	27/08/1959

Work experience

From 2001 University of Udine	
Role	Full professor of Numerical Analysis
From 1992 to 2001 University of Udine	
Role	Associate professor of Numerical Analysis
From 1986 to 1992 University of Udine	
Role	Assistant professor of Numerical Analysis
From 1983 to 1986	Mathematics Teacher at High School (1983-1984)
	Work Experiences at IBM (1984) and RAS Insurance Company (1985-1986)

Education and training

12 luglio 1983	Master's Degree in Mathematics cum laude at University of Trieste

Personal skills and competences

Mother tongue(s)	**Italian**

Other language(s)

Self-assessment

European level (*)

	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
English	Good	Good	Good	Good	Good

Institutional positions held in university	Teaching Delegate of Department of Mathematics, Computer Science and Physics (DMIF) (2019-2021)
	Deputy Director of DMIF (October 2019-November 2021)
	Department's Delegate for Teaching (November 2019-2021)
	Rector's Delegate for Erasmus (a.a. 2017-18 - a.a. 2018-2019)
	Member of the Commission "Abilitazione Scientifica Nazionale" 2016-2018 for A1/05 "Analisi Numerica"
	Member of various Commitees, s.a. Research Committee of DMIF (2016-2020) Membro "Commissione piani di studio css matematica'
	Member of the staff ("Collegio docenti') of the Doctoral School in Mathematical Science-Computational Mathematics area of the University of Padova (2006-2014)
	Member of the staff ("Collegio docenti') of the Doctoral School in Informatics and Mathematical and Physical Science of the University of Udine (a.a. 2014-2015; a.a. 2017-2018)
	Local coordinator of the MIUR-Piano Lauree Scientifiche "Mathematics and Statistics" of the University of Udine (until a.a. 2014-2015) It is a national project for the development of knowledge of mathematics in the schools.
	Coordinator of Ersamus Exchange programs with the University NTNU of Trondheim (Norway), the Sorbonne UNIV (France) and Tecnico Lisboa (Portogallo)
	Deputy Dean of the Faculty of Science, University of Udine (a.a. 2002-2003)
	Member of the "Senato Accademico Allargato" (from 01.10.2009 to 21.06.2012)
	Member of the "Equal Opportunity Commission" of the university (from 20.01.2010 to 04.12.2013)
Scientific publications	Author or co-author of papers on international journals with referees, chapters in books, conference papers (peer-reviewed) and a monography
Research projects and/or groups	Numerical methods for evolution models described by functional equations mainly of retarded type. A distinguishing feature of retarded equations is that the evolution depends on the past history to allow a better description of the real-life phenomena. Therefore such equations arise in several application fields such as control engineering, population dynamics, ecology and epidemiology. Delay equations generate infinite-dimensional dynamical systems and so, it is necessary to develop specific numerical techniques for time-integration, to investigate the stability of equilibria and periodic solutions and for bifurcation analysis varying parameters. All such issues have been considered. More recently he computation of the basic reproduction number of next-generation operators of structured population models from ecology and epidemiology also with nonlocal diffusion as well as the investigation of the effect of the uncertainties in the model parameters by means of the Polynomial Chaos Expansions have been addressed.
	Coordinator of the Local Unit of Udine of the National Project PRIN 2020 "Integrated Mathematical Approaches to Socio-Epidemiological Dynamics"
	Member of the "Gruppo Nazionale del Calcolo Scientifico" (GNCS) dell'Istituto Nazionale di Alta Matematica (INdAM)
	Member of the Gruppo UMI Modellistica Socio-Epidemiologica (MSE)
	Member of Computational Dynamics Laboratory CDLab of DMIF