



Europass Curriculum Vitae

Personal information

First name / Surname

Rosanna Verde

Personal Address

Via G. Papini, 29
80046 San Giorgio a Cremano (Naples) – Italy

Professional Address

Department of Mathematics and Physics – University of the Campania “Luigi Vanvitelli” - Italy

Telephone

+39 0823 275702

Mobile: +39 3358351095

E-mail(s)

rosanna.verde@unicampania.it; rosanna.verde2@gmail.com

Nationality

Italian

Date of birth

10 April 1966

Gender

Female

ORCID: <https://orcid.org/0000-0002-9959-4675>

Web of Science: <https://www.webofscience.com/wos/author/record/245491>

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=6603261185>

Google Scholar: <https://scholar.google.com/citations?user=m5ffRB8AAAAJ&hl=it>

Research Gate: <https://www.researchgate.net/profile/Rosanna-Verde>

Work experience

Occupation or position held

Since 2005

Full Professor of Statistics

Department of Mathematics and Physics, University of Campania “Luigi Vanvitelli”

Previous positions

1998-2005

Associate Professor of Statistics at the Faculty of Economics – Second University of Naples.

1995-1998

Researcher of Statistics at the Faculty of Economics - University of Naples Federico II

Main activities and responsibilities

Since 2018 –

Coordinator of Bachelor’ degree in Data Analytics - University of Campania “Luigi Vanvitelli”

Since 2021 –

Coordinator of Master’ degree in Data Sciences - University of Campania “Luigi Vanvitelli”

2018 –2021

Associate member of the equipe “*Apprentissage Artificiel et Applications*” du LIPN Laboratory of Informatics of the Université Paris 13 – Institut Galilée, France

2009-2012

Head of the Department of *European and Mediterranean Studies* of the Second University of Naples.

Education and training

1989

Degree in Economics - University of Naples “Federico II”

1993

PhD degree in Computational Statistics at University of Naples “Federico II”

1996

Research fellow at INRIA – Rocquencourt, France

Position in academic organizations	
Since 2018 -	Vice-coordinator of the Group of the Italian Statistical Society Statistics and Data Science
2014-2018	Member of the Board of the "Italian Statistical Society"
2003-2009	Vice-president of the "Société Francophone de Classification"
2002-2004	Member of the Financial Committee board of the IFCS
Since 1996	Member of ISI (International Statistical Institute) and of the International Association Statistical Computing (IASC).
Since 2003	Deputy President of the Research Center of Complex Data Analysis of the University of Beihang (Beijing, China)
2018 – 2020	Member of the Scientific Committee of the IDNEUF of the AUF (Agence Universitaire de la Francophonie)
Research Activity	
Main research fields of interest	Multivariate Data Analysis, Classification, Data Mining of large-scale data, Symbolic Data Analysis, Data Stream Analysis, Functional Data Analysis, Computational Statistical methods for Complex and Distributional Data.
National Projects of Research (granted by Italian Ministry of the Research and National Research Council)	PRIN2015 - Complex space-time modeling and functional analysis for probabilistic forecast of seismic events PRIN1999/2000; PRIN2000/2001; PRIN2001/2002; PRIN2004/2005; Agenzia 2000 CNR Project 2000 - On new techniques for numerical conceptual classification of complex data
Regional Projects of Research POR Campania <i>Scientific Responsible</i>	University Regional System – POR Campania FESR 2007-2013 RiCart "Innovation Network for the artistic manufactory in the Campania Region - POR Campania FESR 2007-2013 Network of Excellence "Networks, Public policies and development"- POR Campania FSE 2007-2013 Quick&Smart - POR Campania FESR 2014 -2020.
European Project participation 2008-2011	COST - action IC0702 "Combining Soft Computing Techniques and Statistical Methods to Improve Data Analysis Solutions"
2000-2003	ASSO - Analysis System of Symbolic Official data (IST R&D – IV FP 2000-2003)
1996-1999	SODAS - Symbolic Official Data Analysis System (IST R&D – V FP - 1996-1999)
1998-2000	ALFA - Laboratorio Analisis Multidimensional de DATos – European and Latin American scientific cooperation programme (1998-2000)
International Cooperation Project 2015-2019	Joint project with Beihang University, The Statistical Modeling Methods of Massive High Dimensional Mixed Data and its Application Grant: National Natural Science Foundation of China
Visiting Researcher and Visiting Professor 2000	EUROLAB – Zentral-Archiv of the Univ. of Cologne, (Germany) in the framework of the TMR European Programme
1996-2014 (visiting 6m 2014)	INRIA-Rocquencourt (France) in the frame of a continuing collaboration of research
2000, 2002	CIN of the UFPE (Federal Univ. of Pernambuco) at Recife (Pernambuco, Brazil)
2003, 2011	BAAU - Beihang Univ. (Beijing, Chine)
2006	Université de Notre Dame de la Paix, Namur, Belge
2015, 2016, 2017	Université Paris 13 Nord, Francia
2017	Université Caddi Ayyad of Marrakech (Morocco)

Scientific Production

Main publications in the last 5 years *In Journal*

Author and co-author of more than 120 papers, among articles on Journals, chapters of books and contributions in Proceeding of international Conferences

1. De Carvalho, Francisco de A. T., Irpino, Antonio, Verde, Rosanna, Balzanella, Antonio (2022). Batch Self-Organizing Maps for Distributional Data with an Automatic Weighting of Variables and Components. JOURNAL OF CLASSIFICATION, ISSN: 0176-4268, doi: 10.1007/s00357-022-09411-1
2. Maturo, Fabrizio, Verde, Rosanna (2022). Combining unsupervised and supervised learning techniques for enhancing the performance of functional data classifiers. COMPUTATIONAL STATISTICS, p. 1-32, ISSN: 0943-4062, doi: 10.1007/s00180-022-01259-8
3. Maturo, Fabrizio, Verde, Rosanna (2022). Pooling random forest and functional data analysis for biomedical signals supervised classification: theory and application to electrocardiogram data. STATISTICS IN MEDICINE, p. 1-29, ISSN: 0277-6715, doi: 10.1002/sim.9353
4. Maturo, Fabrizio, Verde, Rosanna (2022). Supervised classification of curves via a combined use of functional data analysis and tree-based methods. COMPUTATIONAL STATISTICS, p. 1-49, ISSN: 1613-9658, doi: 10.1007/s00180-022-01236-1
5. Francisco de Assis Tenorio de Carvalho, Antonio Balzanella, Antonio Irpino, Rosanna Verde, (2021) Co-clustering algorithms for distributional data with automated variable weighting. INFORMATION SCIENCES. 549, 87-115, ISSN 0020-0255, <https://doi.org/10.1016/j.ins.2020.11.018>.
6. Antonio Balzanella, Rosanna Verde (2019). Histogram-based clustering of multiple data streams. KNOWLEDGE AND INFORMATION SYSTEMS, 62, 203–238. ISSN: 0219-1377, doi:10.1007/s10115-019-01350-5.
7. Irpino Antonio, Verde Rosanna, De Carvalho Francisco de A.T. (2017). Fuzzy clustering of distributional data with automatic weighting of variable components. INFORMATION SCIENCES, vol. 406-407, p. 248-268, ISSN: 0020-0255, doi: 10.1016/j.ins.2017.04.040
8. Verde Rosanna, Irpino Antonio (2017). Multiple factor analysis of distributional data. STATISTICA APPLICATA, vol. 29, p. 305-330, ISSN: 1125-1964
9. Romano E., Balzanella A., Verde R., (2017) Spatial variability clustering for spatially dependent functional data, STATISTICS AND COMPUTING, 27 (3), 645-658. <https://doi.org/10.1007/s11222-016-9645-2>

23 October 2022