

## EDUCATION

Nov. 1997 to Mar. 2001

Ph.D. XIII cycle in Computational statistics and its applications,  
Dept. of Mathematics and Statistics,  
University of Naples "Federico II"

Dissertation: "Estrazione di conoscenza da oggetti descritti da variabili modali attraverso Reticoli di Galois" (in Italian), (Knowledge extraction from objects described by modal variables by means of Galois Lattices")

Chair, Prof. N. C. Lauro.

Nov. 1991 to Jul. 1997

Degree of Doctor in Economics and Commerce

Dissertation: "Tecniche fattoriali per l'Analisi di Dati Simbolici" (Factorial techniques for Symbolic Data Analysis),

Chair, Prof. N. C. Lauro.

## EMPLOYMENT

Nov., 1st 2015

Associate Professor of Statistics

Second University of Naples, Caserta (Italy)

Until July, 4th, 2016 at Dept. of Political Sciences "J. Monnet"

Since July, 5th 2016 at Dept. of Mathematics and Physics

Feb., 1st 2007 to Oct. 31, 2015

Researcher and assistant professor of statistics

Second University of Naples, Caserta (Italy)

Dept. of Political Sciences "J. Monnet"

## HONORS AND AWARDS

Nov-Dec 2015

Invited professor presso il CIN dell'UFPE (Universit  Federale del Pernambuco),  
Recife, Brasil.

2004-2005

Post-graduate grant as ICT Expert

Centro Regionale di Competenza sulle Tecnologie del Software

University of Sannio, Benevento

2003-2004

Research grant

"Classification techniques for Symbolic"

Dept. of Business strategies and quantitative methods  
Tutor Prof. R. Verde  
Second University of Naples

2002-2003

Post-doc research grant in Statistics  
“Data Mining and Symbolic Data Analysis  
Dept. of Business strategies and quantitative methods  
Tutor Prof. R. Verde  
Second University of Naples

2001-2003

Research grant, European Research project ASSO,  
Dept. of Mathematics and Statistics  
University of Naples “Federico II”, Italy  
PI Prof. Carlo N. Lauro

2000

Teaching qualification for secondary schools in “Applied Mathematics”

Apr. - Jul. 1999

Visiting PhD student at CEREMADE - Centre De Recherche en Mathématiques de la Décision -, Université Paris IX Dauphine, e presso l'INRIA, - Institute National De Recherche en Informatique et en Automatique – Roquencourt, Parigi, sotto la supervisione del prof. E.Diday e Y. Lechevallier.. Theme of research: Complete classification of structured and complex data.

## ASSOCIATION MEMBERSHIPS

- since 2004 member of SIS - Italian Statistical Society
- since 2006 member of CLADAG- SIS (SIS group on classification and data analysis)
- since 2012 member of IASC-ISI
- since 2016 member of ISI

## REVIEWING ACTIVITIES

- JSDA, Electronic Journal of Symbolic Data Analysis: <http://www.jsda.unina2.it>.
- Computational Statistics, Springer-Verlag.
- Pattern recognition, Elsevier.
- Journal of Multivariate Analysis, Elsevier.
- ACM Transactions on Knowledge Discovery in Data
- ADAC Advances in Data Analysis and Classification, Springer
- CSDA Computational statistics and Data Analysis, Eseevier
- Revue MODULAD

## FUNDINGS AND PARTICIPATIONS TO RESEARCH PROJECTS

- 1998-2000 MURST Italian Research project, "Production and testing of computer assisted systems for the teaching quality survey and placement of graduates", PI Prof. L. Fabbris (University of Padua), Local responsible Prof. S. Balbi (University of Naples "Federico II") . Main activity: Methodological development.
- 1999- 2001 MURST Italian Research project, "Statistical models of classification for the analysis of data structured in complex form: methods, software and applications" PI Prof R. Siciliano (University of Naples "Federico II" ), Local resp. Prof. R. Verde (Second University of Naples). Main activities: Methodological development and software implementation.
- 2000- 2002 MURST Italian Research project, "Data mining and Symbolic data Analysis", PI Prof C. Lauro (University of Naples "Federico II"). Local resp. Prof. R. Verde (Second University of Naples). Main activities: Methodological development and software implementation.
- 2001-2003 MURST Italian Research project, "Methods for extraction, validation and representation of statistical information in a decision-making context". PI Prof R. Siciliano (University of Naples "Federico II"), Local resp. Prof. R. Verde (Second University of Naples). Main activities: Methodological development and software implementation.
- 2001-2003 European project ASSO - Analysis System of Symbolic Official data - IST-2000-25161, PI Prof. Monique Noirhomme (FUNDP-Namur, Belgium), Scientific responsible Prof. Edwin Diday (Univ. Paris IX – Dauphine - Francia). Main activities: Methodological development and software implementation.
- 2004-2005 PRIN Italian project, "Regulatory Impact Analysis" PI Prof M. Scudiero (University of Naples "Federico II"), Local resp. Prof. R. Verde (Second University of Naples).. Main activity: Methodological development.
- 2005 Regional research project L.5, "Development of techniques of analysis of complex data for the definition of an internal rating system and the evaluation of the default risk for PMI according to Basel II agreement", funded by Regione Campania, PI Prof. R. Verde (Second University of Naples). Main activities: Methodological development and software implementation.
- 2008 Department research project: Clustering methods for structured data, PI. Prof. Rosanna VERDE, (01/11/2007 - 31/12/2008):
- 2009 Department research project: Analysis methods for Data Streams. PI Prof. Rosanna VERDE, (01/01/2009 - 30/06/2010).
- 2010 Department research project: Supervised and unsupervised classification for structured and distributed data. PI Prof. Rosanna VERDE, (01/01/2010 - 30/06/2011).

- 2011 Department research project: Clustering methods for the segmentation of the Italian tourists, PI Antonio Irpino, (01/01/2011 - 30/06/2012).
- 2014-2015 - Scientific responsible for th research WP on "New services" of the regional research project: "Osservatorio del Sistema Universitario campano" CUP C68F09000130002, - P.O. FESR Campania 2007-2013 – O.O.2.1 "Interventi su Aree Scientifiche di Rilevanza Strategica", funded by Regione Campania.

## PARTICIPATIONS AND COMMUNICATIONS AT CONFERENCES

- 4-6/11/98 NTTS '98, International seminar on new techniques & technologies for statistics, Sorrento (NA).
- 4/99 Workshop "Produzione e sperimentazione di sistemi computer assisted per rilevare la qualità della didattica e l'inserimento professionale dei laureati", Florence, Italy. (Contributed talk)
- 16-19/11/99 Ecole Modulad-SFDS, Base de données et statistique, Le Croisic: scuola in statistica e database organizzata dalla società francese di statistica
- 7/2000 International Symposium On Consensus Methods (IFCS 2000 Namur) (Comunicazione spontanea)
- 2002 GfKI 2002– Mannheim (Comunicazione spontanea)
- 2002 Wokshop on SDA – Cracovia (Comunicazione spontanea)
- 2002 XL Riunione Scientifica della SIS, Milano. (Comunicazione spontanea)
- 2003 CLADAG 2003, Bologna. (Comunicazione spontanea)
- 2004 XLII Riunione Scientifica della SIS, Bari. (Comunicazione spontanea)
- 2004 ECML / PKDD 2004 Workshop on Symbolic and Spatial data analysis: mining complex data structures, Pisa. (Comunicazione spontanea)
- 2005 CLADAG 2005, Parma 2005. (Comunicazione spontanea)
- 2006 IFCS 2006, Ljubliana, Slovenia, luglio 2006. (Comunicazione invitata)
- 2006 Compstat 2006, Roma settembre 2006. (Comunicazione spontanea)
- 2007 Gfki 2007, Freibug (Germania) marzo 2007. (Comunicazione invitata)
- 2007 European Workshop on Data Streams Analysis, Caserta marzo 2007. (Comitato organizzatore)
- 2007 CLADAG 2007 Macerata (Comunicazione spontanea)
- 2008 SIS 2008 Arcavacata di Rende (Relazione invitata)
- 2008 SFC-CLADAG 2008 Caserta (Comitato organizzatore e comunicazione spontanea)
- 2008 International workshop on Data Stream Management and Mining, 27-31 ottobre 2008, BEIHANG University, Pechino (Cina) (Relazione invitata)
- 2009 IFCS 2009, Dresden University of Technology. March 13-18, 2009 (Comunicazione spontanea)
- 2010 CLADAG 2010 Firenze – (Comunicazione in specialized session, Organizzatore di sessione specializzata sull'analisi di Data Stream)

- 2012 SIS 2012 Roma
- 2012 CLADAG 2012 Capri (NA)
- 2012 COMPSTAT 2012 Limasol, Cipro
- 2012 Workshop on Symbolic Data Analysis, Madrid, Spagna
- 2012 Workshop on Functional data Analysis, Caserta
- 2014 COMPSTAT 2014 Ginevra, Svizzera
- 2015 IFCS 2015, Bologna, Italia
- 2015 CARME 2015, Napoli, Italia (Comunicazione spontanea)
- 2016 H2DM'16: International Workshop on High Dimensional Data Mining, 7 giugno 2016 Naples (Italy) (Comunicazione spontanea)
- 2016 48th Scientific Meeting of the Italian Statistical Society, SIS 2016 – Program committee member

## ATTENDED COURSES

- 7-11/5/99 Seminar: Self Organizing Maps, Kohonen Maps for clustering data, Prof.T.Kohonen, Univ.Paris 1
- 24/6/99 Seminar: Statistique et Bases de Données, Société Franç. de Statistique, Inst. Poicaré-Paris

## TEACHING ACTIVITIES

### COURSES

- 2001 “introduzione all’informatica ed ai sistemi di videoscrittura”,ISR “G. Moscati” di Avellino
- 1998-2000 Tutor at the courses in “Market Analysis” and “Statistics I”, Faculty of Economics, Un. of Naples “Federico II”, Napoli, prof. Simona Balbi
- 1999-2003 Tutor at the course in “Statistics”, Fac. of Economy, Second Univ. of Naples, Capua, prof. Rosanna Verde.
- 1999-2002 Tutor at the course in “Statistics for the financial markets” at the specialization school in “Diritto ed Economia della comunità europea” S.Leucio (CE)
- 2001-2002 Adjunct Professor in Computer Science for the teachers of the secondary school “Enrico Cocchia”, Avellino
- 2002-2003 Adjunct Professor in Computer Science at the IFTS courses, Univ. of Naples "Federico II", coordinated by prof. Natale Carlo Lauro
- 2004 Adjunct Professor in Web applications at the course “E-commerce. IFTS courses, Second Univ. of Naples
- 2004-2005 Adjunct Professor in "Introduction to the statistics of the monetary and financial markets", Graduate master in “Finance for SME”, specialization school “Jean Monnet”, Belvedere di S. Leucio, CE.
- 2004-2005 Adjunct Professor in “Data Analysis”, Fac. Political Studies “Jean Monnet”, Second Univ. of Naples, Belvedere di S. Leucio, CE.



- 2007-2008 "Information systems and statistical data analysis", part of the course in "statistical analysis of financial data", Fac. Political Studies "Jean Monnet", Second Univ. of Naples 5 CFU
- 2007-2008 "Statistics and economics of the monetari and financial markets", Fac. Political Studies "Jean Monnet", Second Univ. of Naples 5 CFU.
- 2008-2013 "Statistics for the tourist sector", Fac.of Political Studies "Jean Monnet", Second Univ. of Naples, 10 CFU
- 2010-2011 "Statistics", in Benevento, Fac.of Political Studies "Jean Monnet", Second Univ. of Naples, 10 CFU
- since 2014 "Statistics", Dept. of Political Sciences "Jean Monnet", Second Univ. of Naples, 10 CFU
- since 2012 "Predictive models", Dept. of Political Sciences "Jean Monnet", Second Univ. of Naples, 6 CFU
- since 2015 "Multivariate data analysis", Dept. of Political Sciences "Jean Monnet", Second Univ. of Naples, 6 CFU
- Jul-Sep. 2015 Tutor at the course of Elements of Statistics - : Prof. Rosanna Verde, CEINGE, Naples: 24 hours on statistical softwares and the R environment

## SEMINARS IN ITALY AND ABROAD

- Oct. 2003 Lecturer at the ASSO SCHOOL "Symbolic Data Analysis" organized by the Greek Statistical Service, Athene (Greece),
- Sept. 2015 DDA2015: Distributional Data Analysis, Short Course, Polytechnic of Turin, September 29-30, 2015, Seminars at PhD programme. (5 Hours)
- Nov 2015 Seminar: Distributional data analysis:basic statistics and clustering, CIN - Federal Univ. of Pernambuco, Recife, Brasil (2 hours)
- Dec 2015 Seminar: Regression for distributional variables, Dept. of Statistics and Probability, Federal Univ. of Paraiba, João Pessoa, Brasil. (2 hours).

## RESPONSIBILITIES

- 2008-2009 Researcher elected representative in the Board of the Faculty of Political Studies "J. Monnet" Second university of Naples
- 2008-2013 Member of the PhD programme board in "Statistics", University of Naples "Federico II".
- 2016 Member of the PhD programme board in "Social and Statistics sciences", University of Naples "Federico II".