

Europass Curriculum Vitae

Personal information

Surname(s) / First name(s)
Address(es)
Telephone(s)
Email(s)
Nationality(-ies)
Date of birth
Gender

Petrucci Alessandra

alessandra.petrucci@unifi.it

Full CV, complete list of publications, and other information can be found at <https://www.unifi.it/p-doc2-0-0-A-3f2a3d2f362e28.html>

WORK EXPERIENCE

2015 - Present
2002 -2015
1997-2002
1995-1997

Full Professor of Social Statistics, Department of Statistics, Computer Sciences, Applications, University of Florence
Associate Professor of Statistics, Department of Statistics, Computer Sciences, Applications, University of Florence
Assistant Professor of Statistics, Department of Statistics, Faculty of Political Sciences, University of Florence
Postdoctoral fellowship, University of Florence

EDUCATION AND TRAINING

1994
1988

Ph.D. in Applied Statistics, University of Florence
Laurea in Civil Engineering (Hydraulic), University of Florence

ORGANISATIONAL / MANAGERIAL SKILLS

2018 -present
2016 -2020
2016 -2020
2016 -2020
2019 -2020
2016 -2020
2015 -2018
2013 -2016
2011 Feb-Jul
2007 -2014
2008-2013

Chair of Commissione per l'Abilitazione Scientifica Nazionale (ASN) 2018-2020 - SC 13/D3
Head of the Department of Statistics, Computer Sciences, Applications - University of Florence
Member of the Academic Senate - University of Florence
Member of the Didactic Commission - University of Florence
President of the Conferenza dei Direttori dei Dipartimenti delle Scienze Economiche e Statistiche (Conferenza di Area 13)
President of the Advisory Board of ANVUR
Disciplinary expert of ANVUR
Member of Board of Directors - University of Florence
Member of the committee in charge to review the Statute of the University of Florence according to the law n.240/2010
Elected member of the National University Council (Consiglio Universitario Nazionale (CUN))
Deputy Director of the Department of Statistics, University of Florence.

TEACHING EXPERIENCE

University level

Lecture of Social Statistics, Statistics, Environmental Statistics (BA Programmes); Advanced Statistics, Survey sampling, Statistical analysis of georeferenced data (MA Programmes); Small Area Estimation (PhD programmes)

RESEARCH PROJECTS (SELECTION)

2017-2020 Member of the H2020 project MACKSWELL MAKing Sustainable development and WELL-being frameworks work for policy.

2008 -2009 Integration, management and use of georeferenced information for economic and social surveys, PRIN 2007 grant Italian Ministry of Research and Higher Education.

2006 -2007 Estimation methodologies and problems in agricultural and environmental surveys, PRIN 2005 grant Italian Ministry of Research and Higher Education.

2004 -2005 Innovations in sample surveys in the system of agri-environmental statistics: Methods, organization and contents, PRIN 2003 grant Italian Ministry of Research and Higher Education.

2003 -2004 Integrated information systems in small area estimation, PRIN 2002 grant Italian Ministry of Research and Higher Education.

2001 -2002 Tools and methods for the representation and management of statistical information, PRIN 2000 grant Italian Ministry of Research and Higher Education.

2000 -2001 Quality and Effectiveness of Higher Education and Training: Methods and Models of Evaluation, PRIN 1999 grant Italian Ministry of Research and Higher Education.

1999 -2000 Innovation in production process and data analysis: methodological developments and applications, PRIN 1998 grant Italian Ministry of Research and Higher Education.

1996 New technologies in statistics, CNR grant Italian National Research Council.

1995 Teaching techniques and innovations in teaching statistic disciplines, MURST ex40 Italian Ministry of Research and Higher Education.

1994 Statistical methods for analysis of environmental and territorial data, CNR grant Italian National Research Council.

PROGRAMME COMMITTEES OF CONFERENCES

2019 ITACOSM 2019 6th ITALian COnference on Survey Methodology is a bi-annual international conference promoted by the Survey Sampling Group (S2G) of the Italian Statistical Society (SIS), 5-7 June 2019 - Firenze. 2018 - X Riunione Scientifica della Società Italiana di Scienze del Turismo (SISTUR), Benevento 14-16 novembre 2018. 2017- Riunione intermedia della Società Italiana di Statistica "Statistics and DataScience: new challenges, new generations", Firenze 28-30 giugno 2017. 2017 ITACOSM 2017 5th ITALian COnference on Survey Methodology is a bi-annual international conference promoted by the Survey Sampling Group (S2G) of the Italian Statistical Society (SIS), 14-16 June 2017 - Bologna. 2017-AISP Giornate di Studio sulla Popolazione (12th edition) Popdays2017, Florence, 8-10th February 2017 - Membro del Comitato Organizzatore Locale. 2015 ITACOSM 2015 4th ITALian COnference on Survey Methodology is a bi-annual international conference promoted by the Survey Sampling Group (S2G) of the Italian Statistical Society (SIS), 24-26 June 2015 - Rome. 2015-GRASPA 2015 Biennial Conference of the Italian Research Group for Environmental Statistics (GRASPA-SIS), 15-16 June 2015 - Bari - Membro del Comitato Scientifico. 2014 -XLVII Scientific Meeting of the Italian Statistical Society, Member of the Scientific Committee, Cagliari, Italy. 2013-59th ISI World Statistics Congress, Invited Session Organizer, Hong Kong, China. 2010-Valorizzazione e responsabilità sociale della statistica pubblica, Member of the Program Committee, Roma, Italy. 2006-Spatial Data Methods for Environmental and Ecological Processes, Member of the Program Committee, Foggia, Italy. 2005-Intermediate Meeting of the Italian Statistical Society, Member of the Program Committee, Messina, Italy. 2000- XL Scientific Meeting of the Italian Statistical Society, Member of the Organizing Committee, Florence, Italy

Mother tongue(s)

Italian

Other language(s)

English

*Self-assessment
European level^(*)*

English

French

Understanding		Speaking		Writing	
Listening	Reading	Spoken interaction	Spoken production		
B1 Independent user	C1 Proficient user	B1 Independent user	B1 Independent user	C1 Proficient user	
B1 Independent user	C1 Proficient user	B1 Independent user	B1 Independent user	C1 Proficient user	

^(*) Common European Framework of Reference (CEF) level

ADDITIONAL INFORMATION

Other Researches and Professional Activities

2013 - 2014 Scientific consultant in FAO project on Global Strategy. 2008 -2009 Scientific coordinator of the working group on The geocoding of official statistical data under the sponsorship of the Commission for the Protection of Statistical Information (CoGIS) at the Presidency of the Council of Ministers. 2002 -present teaching experience for the Schools of the Italian Society of Statistics. 2006 -2007 member of working group on FSE project EQUAL II FASE, MISURA 2.2 Social Entertainment Service 2004 Scientific coordinator of the project on Mobility and accidentalness under the sponsorship of the Municipality of Florence. 2004 Scientific coordinator of the research granted from FAO on poverty mapping (spatial statistical approach) in Albania. 2002 Senior Statistician/GIS Specialist in the working group on poverty mapping in Ecuador. 2001 Member of the working group on Implementation of computer assisted systems for the evaluation of teaching by students rating and occupational chances of the graduates and undergraduates under the sponsorship of the National Committee for the University System Evaluation (CNVSU). 1997 -2001 Statistical and Geographical Information Systems (GIS) expert in the FAO project on First Agricultural Census in China (gcp/cpr/010/ita, gcp/cpr/020/ita e gcp/cpr/025/ita).

Editorial Activities

Member of the Scientific Committee of *Rivista di statistica ufficiale*. Referee for *Royal Statistical Journal A*, *Statistical Methods and Application (SMA)* *Journal of Environmental and Ecological Statistics Communications in Statistics: Theory and Methods* *Journal of Geographical Systems*

Membership in Professional Societies

Elected Member of the International Statistical Institute (ISI); International Association of Survey Statisticians (IASS); International Association for Statistical Computing (IASC); TIES (The International Environmetrics Society); Italian Statistical Society (Società Italiana di Statistica, SIS); Italian Economy, Demography and Statistic Society (Società Italiana di Economia, Demografia Statistica (SIEDS))

Research Interests

Survey and sampling design, statistical indicators, student mobility, small area estimation, spatial statistics, environmental statistics, evaluation of teaching effectiveness

SELECTED PUBLICATIONS

Bacci, Silvia, Bertaccini, Bruno, Petrucci, Alessandra (2019). Beliefs and needs of academic teachers: a latent class analysis. *STATISTICAL METHODS & APPLICATIONS*, p. 1-23, ISSN: 1618-2510, doi: 10.1007/s10260-019-00495-5.

Elena Pirani, Maria Francesca Marino, Alessandra Petrucci (2019). Correlates of inter-districts migrations in Tanzania. a gravity-type modeling approach. *STATISTICA*, ISSN: 1973-2201, doi: 10.6092/issn.1973-2201/8538

Caporali, Enrica, Chiarello, V., Petrucci Alessandra (2018). Regional frequency analysis and geosadditive modeling for design storm estimates in the Arno river basin (Italy).. *ENVIRONMENTAL AND ECOLOGICAL STATISTICS*, vol. 25, p. 31-52, ISSN: 1352-8505, doi: 10.1007/s10651-018-0399-

Bertaccini, Bruno, Giusti, Antonio, Petrucci, Alessandra (2018). Students' opinions on teaching and services provided by the Italian Universities: a proposal for a new evaluation scheme. *QUALITY & QUANTITY*, ISSN: 0033-5177, doi: 10.1007/s11135-018-0801-y

Ocello, Cristina, Petrucci, Alessandra, Testa, Maria Rita, Vignoli, Daniele (2015). Environmental Aspects of Internal Migration in Tanzania. *POPULATION AND ENVIRONMENT*, vol. 37, p. 99-108, ISSN: 0199-0039, doi: 10.1007/s11111-014-0229-9

E. Dreassi, A. Petrucci, E. Rocco (2014). Small area estimation for semicontinuous skewed spatial data: an application to the grape wine production in Tuscany. *BIOMETRICAL JOURNAL*, vol. 56, p. 141-156, ISSN: 0323-3847, doi: 10.1002/bimj.201200271

Chiara Bocci, Enrica Caporali, Alessandra Petrucci (2013). Geosadditive modeling for extreme rainfall data. *ASTA ADVANCES IN STATISTICAL ANALYSIS*, vol. 97, p. 181-193, ISSN: 1863-8171, doi: 10.1007/s10182-012-0192-7

A. PETRUCCI, SALVATI N. (2006). Small Area Estimation considering Spatial Correlation in Watershed Erosion Assessment Survey. JOURNAL OF AGRICULTURAL BIOLOGICAL AND ENVIRONMENTAL STATISTICS, vol. 11, p. 1-14, ISSN: 1085-7117, doi: 10.1198/108571106X110531

RAMPICHINI, CARLA, GRILLI, LEONARDO, PETRUCCI, ALESSANDRA (2004). Analysis of university course evaluations: from descriptive measures to multilevel models. STATISTICAL METHODS& APPLICATIONS, vol. 13, p. 357-373, ISSN: 1618-2510

A. PETRUCCI, S. SCHIFINI (2002). Quality of life in Europe: objective and subjective indicators. A spatial analysis using classification techniques. SOCIAL INDICATORS RESEARCH, vol. 60, p. 55-88, ISSN: 0303-8300

Date

November 8, 2020

Signature
