CURRICULUM VITAE
Olga Polverino

DATE AND PLACE OF BIRTH: 28.08.1970, Napoli.
WORK ADDRESS: Department of Mathematics and Physics, University of Campania *"Luigi Vanvitelli"*, Viale Lincoln n. 5, 81100 –Caserta, Italy, olga.polverino@unicampania.it

ACADEMIC QUALIFICATIONS
- Degree in Mathematics, 24 March 1994, University of Naples
"Federico II", Laurea Dissertation*: Disegni, grafi e loro gruppo di Automorfismi,* Advisor: Francesco Mazzocca.
- Ph.D, Mathematics, April 1999, University of Naples "Federico II", Italy, Ph.D Dissertation: *Blocking sets in projective planes*, Advisors: Guglielmo Lunardon, Francesco Mazzocca.

PERMANENT APPOINTMENTS
- Oct. 2001 - Nov. 2006 Research Fellow, Second University of Naples, Italy;
- Dec. 2006 - present Full Professor, University of Campania *"Luigi Vanvitelli".*

ORGANIZING ACTIVITIES –INSTITUTIONAL RESPONSABILITIES
-**2001/2006** Member of the Orientation Commission of the Department of Mathematics, Second University of Naples.
-**2005/2012** Representative of the Department of Mathematics, within the University Commission for the Libraries of the Second University of Naples;
-**2004/2005** Member of the examiners commission for the admission to the *Scuola Interuniversitaria Campana di Specializzazione all'insegnamento Insegnamento*.
-**2006/2012** Secretary of the Faculty council (*Facoltà di Scienze MM.FF.NN. della Seconda Università degli Studi di Napoli*).
-**2009/2012** Vice-Director of the Department of Mathematics, Second University of Naples.
-**2013/2018** President of the Council of Study Courses in Mathematics, University of Campania *"Luigi Vanvitelli".*
-**2014/2018** Member of the *Consiglio della Scuola Politecnica e delle Scienze di Base*, University of Campania *"Luigi Vanvitelli"*
-**2014/2018** Member of *the Junta of* the Department of Mathematics and Physics.
-**2017** Member of the University Commission *CFU-FIT.*

TEACHING COURSES
2001 -2002: teaching assistant *Geometry II,* degree in Matehmatics.
2003-2005: teaching assistant *Geometry I/II*, ***Complementary Mathematics,*** degree in Mathematics.
2006-2011: *Geometry I/II*, ***Complementary Mathematics,*** degree in Mathematics*.*
2012-2015: ***Geometry I/II, Algebraic Geometry***, degree in Mathematics.
2016*: Geometry 1*, degree in Mathematics and degree in Physics– ***Linear Algebra and Geometry***, Engineering degree;
2017: *Geometry 1*, degree in Mathematics and degree in Physics, ***Algebraic Geometry***, Master degree in Mathematics.
2018: *Geometry 1*, degree in Mathematics degree and degree in Physics – ***Linear Algebra and Geometry***, Engineering degree;

FIELDS OF INTEREST

Her research interests focus on topics of combinatorics, with particular regard to the geometry of finite fields, incidence geometry, finite fields and their applications. She obtained results, also in collaboration with italian and foreign researchers, on the following topics: blocking sets in projective spaces, spreads and ovoids of polar spaces, semifields and associated structures (semifield translation planes, PN-functions, Z4-linear codes), finite fields and their applications (linear codes, MRD-codes).

INVITED TALKS

-"Translation spreads of H(q) and the twisted cubic of
PG(3,q)", *XVII Congresso Unione Matematica Italiana*, (Milano, 8--13 September 2003).
-"Blocking sets in PG(2,q^n)", *Seminario di Geometria combinatoria*, (Naples, Department of Mathematics "Renato Caccioppoli", November 2005).
-"Semifield Spreads of PG(3,q^3) with center F_q". *Seminario di Geometria Combinatoria*, (Rome, Department of Mathematics "Guido Castelnuovo", November 2007).
-"Linear Sets in Finite Projective Spaces", *Combinatorics '08* (Costermano (VR), June 2008).
-"Symplectic Spreads and Quadric Veronesean", *NormFest2009* (San Antonio, Texas University (USA), March 2009).
-"Classification results for finite semifields", *Designs, Codes \& Geometries* (University of Delaware (USA), March 2010).
-"Finite Semifields", *Fq10 conference*, (Ghent, Belgium, July 2011).
-*"Maximum scattered linear sets and complete caps"*, "Combinatorics 2016" (Maratea, Italy, June 2016).
-*" Some recent developments in the theory of linear MRD-codes"* (Irsee, Germany, September 2017).

SCIENTIFIC ACTIVITIES

Reviewer for the following scientific journals: *Finite Fields and their Applications, Journal of Combinatorial Designs, Journal of London Mathematical Society, Discrete Mathematics, European Journal of Combinatorics, Designs, Codes and Cryptography, Journal of Geometry, Communications in Algebra, Journal of Combinatorial Theory- Series A, Journal of Algebraic Combinatorics, Discrete Applied Mathematics, International Journal of Computer Mathematics, Studia Scientiarum Mathematicarum Hungarica, Innovations in Incidence Geometry.*
Member of Societies: *GNSAGA* of INDAM*, Institute of Combinatorics and its Applications (ICA)(Fellow).*
Prize*: 2011 Hall Medal by the ICA,* Hall Medals recognize extensive quality research with substantial international impact by Fellows of the ICA in mid-career*;*
Member of organising Committees: "Giornate di Geometrie Combinatorie" (Caserta, Italy, 25-27 February 1999), "Giornate di Geometrie Combinatorie" (Caserta, Italy, 9-10 February 2000), "Discrete Mathematics and its Industrial Applications" (Capri, Italy, 7-10 June 2001),``Combinatorics '06'' (Ischia (NA), Italy, June 2006),``Giornate di Geometria'' (Caserta, Italy, 1--2 February 2007).
Editorial activity:
2006-present: Member of the editorial board of "*Quaderni di Matematica"* , book series (edited by University of Campania *"Luigi Vanvitelli".*);
-2013-present: Member of the editorial board of the international journal "Finite Fields and their Applications" (Elsevier-ISSN: 1071-5797).

PUBLICATIONS: 57 articles published on international journals, 1 chapter book, 3 submitted articles.