

# Curriculum Vitae



## Personal information

Surname(s) / First name(s)

Address(es)

Telephone(s)

Fax(es)

Email(s)

Nationality(-ies)

Date of birth

Gender

**Enzo Vitillaro**

Dipartimento di Matematica ed Informatica, Via Vanvitelli, 1 06123 Perugia ITALY

+393479057224      Mobile: +390755855015

+390755855024

enzo.vitillaro@unipg.it

Italian

20/06/1966

Male

## Education and training

Dates

Course

Name and type of the Institute

International level

Notes

Dates

Course

Name and type of the Institute

International level

Dates

Course

Name and type of the Institute

International level

Title obtained

Final score

Dates

Course

Name and type of the Institute

International level

Title obtained

Final score

01/01/1990 –03/04/1992

Perfezionamento in Matematica

Scuola Normale Superiore di Pisa, Classe di Scienze MM. FF. e NN.

Ph.D. Program

All the courses in the program taken in the two years 1990-91 and 1991-92. University permanent position taken before the end of the program (Ph.D. Thesis).

11/11–31/12/1989

Scholarship for undergraduate students

Consiglio Nazionale delle Ricerche

Scholarship

01/11/1985 –10/11/1989

Corso di Laurea in Matematica

Università degli Studi di Perugia

Master degree

Laurea in Matematica

110/110 Magna Cum Laude

01/10/1980 –07/1985

Liceo scientifico

Liceo Scientifico "G. Alessi" di Perugia

High School

Diploma di Maturità Scientifica

60/60

## Linguistic skills

Mother tongue(s)

**Italian**

Other languages

English, French, Spanish

*Self-assessment  
European level<sup>(\*)</sup>*

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	

**English**

**French**

**Spanish**

C1 Proficient user	C1 Proficient user	C1 Proficient user	C1 Proficient user	C1 Proficient user
B2 Independent user	C1 Proficient user	B2 Independent user	B2 Independent user	B2 Independent user
A2 Basic user	A2 Basic user	A1 Basic user	A1 Basic user	A1 Basic user

<sup>(\*)</sup> Common European Framework of Reference (CEF) level

## Accademic positions

Dates	01/11/2004 – today
Position	Associate Professor in Mathematical Analysis (tenure)
Institution	Department of Mathematics, University of Perugia
Dates	04/01/2003–15/05/2003
Position	Visiting Associate Professor
Institution	The University of Tennessee, Department of Mathematics, Knoxville, U.S.A.
Dates	01/11/2001–31/10/2004
Position	Associate Professor in Mathematical Analysis (tenure track)
Institution	Department of Mathematics, University of Perugia
Dates	04/04/1995–31/10/2001
Position	Assistant Professor in Mathematical Analysis (tenure)
Institution	Department of Mathematics, University of Perugia
Dates	04/04/1992–03/04/1995
Position	Assistant Professor in Mathematical Analysis and Calculus of Probability (tenure track)
Institution	Department of Mathematics, University of Perugia

## Teaching experience

*University of Perugia*

### Courses of exercises

Years 1992–93 , 1994–95 and 1996–97  
Name *Mathematical Analysis II*  
Program Master in Mathematics and Physics

Years 1993–94 and 1995–96  
Name *Mathematical Analysis I*  
Program Master in Mathematics and Physics

### Courses

Years 1995/96  
Name *Mathematical Analysis II*  
Program Bachelor in Computer Sciences

Years 1996/97, 1997/98 and 1998/99  
Name *Elements of Mathematics*  
Program Master in Natural Sciences

Years 1999/2000 and 2000/2001  
Name *Elements of Mathematics II*  
Program Master in Chemistry

Years 2000/2001  
Name *Advanced Mathematical Analysis*  
Program Master in Mathematics

Years 2001/2002  
Name *Mathematical Analysis 1 and 2*  
Program Master in Chemistry

Years from 2001/2002to2006/2007  
Name *Mathematical Analysis C*  
Program Bachelor in Physics

Years 2004/2005  
Name *Mathematical Analysis B*  
Program Bachelor in Physics

Years from 2007/2008 ad oggi  
Name *Mathematical Analysis II*  
Program Bachelor in Physics

Years from 2003/2004to2011/2012  
Name *Mathematical Analysis 6*  
Program Master in Mathematics

Years	2002/2003, 2003/2004, 2005/2006 and 2006/2007
Name	<i>Mathematical Methods for Economics</i>
Program	Master courses in Mathematics and in Applied Mathematics
Years	2011/2012 and 2012/2013
Name	<i>Elements of Mathematics</i>
Program	Bachelor in Civil Defence
Years	from 2012/13to–2015/16
Name	<i>Mathematical Analysis VI</i>
Program	Master in Mathematics
Years	from 2016/2017 ad oggi
Name	<i>Applied Functional Analysys</i>
Program	Master in Mathematics
Years	2017/18
Name	<i>Mathematical Methods for Economics</i>
Program	Master in Mathematics
	<i>The University of Tennessee, Knowxville</i>
Years	2002/2003
Name	<i>Calculus 1</i>
Program	Bachelor programs
Years	2002/2003
Name	<i>Calculus 1</i>
Program	Bachelor programs

## Scientific Activity

### VISITING POSITIONS

Dates	from July 29 to September 7, 1997
Istitution	<i>Institute for Mathematics and its Applications of the University of Minnesota</i>
On invitation of	Prof. Avner Friedmann
In the framework of	Short Mission Program of the italian C.N.R.
Dates	from March 25 to April 7, 1999
Istitution	<i>Bulgarian Academy of Sciences</i>
On invitation of	Prof. Dodunekov
In the framework of	Research activity in collaboration with Grozdna Todorova
Dates	from June 15 to July 15, 1999
Istitution	<i>School of Mathematics of the University of Minnesota</i>
On invitation of	Prof. Naresh C. Jain
In the framework of	Research activity in collaboration with James Serrin
Dates	from June 22 to July 21, 2001
Istitution	<i>School of Mathematics of the University of Minnesota</i>
On invitation of	Profs. Naresh C. Jain and James Serrin
In the framework of	Short Mission Program of the italian C.N.R.
Dates	from July 21 to July 22, 2001
Istitution	<i>Department of Mathematical Sciences of the University of Winsconsin, Milwaukee</i>
On invitation of	Prof. D.H. Schultz
In the framework of	Scientific colloquia with Prof. Albert Milani
Dates	from 14 to 28 of September, 2002
Istitution	<i>Departamento de Matematicas dell' Universidad Autonoma de Madrid</i>
On invitation of	Prof. J. Luis Vazquez
In the framework of	Research activity in collaboration with J. Luis Vazquez
Dates	from January 4 to May 15, 2003
Istitution	<i>Department of Mathematics, The University of Tennessee, Knoxville</i>
On invitation of	Prof. John B. Conway
In the framework of	Research activity in collaboration with Grozdna Todorova
Dates	from September 21 to October 4, 2003
Istitution	<i>Departamento de Matematicas dell' Universidad Autonoma de Madrid</i>
On invitation of	Prof. J. Luis Vazquez
In the framework of	Research activity in collaboration with J. Luis Vazquez
Dates	from 13 to 20 during October 2004
Istitution	<i>Departamento de Matematicas dell' Universidad Autonoma de Madrid</i>
On invitation of	Prof. J. Luis Vazquez
In the framework of	Research activity in collaboration with J. Luis Vazquez
Dates	from 5 to 19 during February 2006
Istitution	<i>Departamento de Matematicas dell' Universidad Autonoma de Madrid</i>
On invitation of	Prof. J. Luis Vazquez

In the framework of	Research activity in collaboration with J. Luis Vazquez
Dates	from 1 to 15 during September 2008
Istitution	<i>Departamento de Matematicas dell' Universidad Autonoma de Madrid</i>
On invitation of	Prof. J. Luis Vazquez
In the framework of	Research activity in collaboration with J. Luis Vazquez

INVITED TALKS

*International Conferences*

Dates	from 18 to 23/8/1996
Time	25min
Denomination	<i>Seventh International Colloquium on Differential Equations</i>
Place	Plovdiv, Bulgaria
On invitation of	Prof. D. Bainov
Dates	from 1 to 4/8/1997
Time	30min
Denomination	<i>International Conference on Differential Equations and Dynamical Systems</i>
Place	Waterloo, Canada
On invitation of	Prof. D. Siegel
Dates	from 9 to 15/5/1999
Time	40min
Denomination	<i>Evolution equations and applications</i>
Place	Scuola Normale Superiore, Cortona
On invitation of	Profs. S.Howison, E. Lanconelli and V. Vespri
Dates	2/6/1999
Time	30min
Denomination	<i>Meeting on Ordinary Differential Equations and Applications</i>
Place	Bressanone
On invitation of	Prof. R. Johnson
Dates	from 12 to 13/7/1999
Time	60min
Denomination	<i>Mini-meeting on Nonlinear Differential Equations</i>
Place	School of Mathematics of the University of Minnesota
On invitation of	Prof. J. Serrin
Dates	from 27 to 30/9/2000
Time	25min
Denomination	<i>Workshop Nonlinear Evolution Problems</i>
Place	l'Aquila
On invitation of	Organazing Commitee (Prof. V. Georgiev ed altri)
Dates	from 24 to 28/6/2002
Time	45min
Denomination	<i>Symposium on Partial Differential Equations</i>
Place	Perugia
On invitation of	Organazing Commitee (Prof. A. Ambrosetti ed altri)

Dates	3/9/2002
Time	30min
Denomination	<i>Stationary and Evolution Problems</i>
Place	Grado
On invitation of	Profs. A. Ambrosetti, E. Mitidieri and M. Prizzi
Dates	from 2 to 4/9/2003
Time	30min
Denomination	<i>Nonlinear Partial Differential Equations and connected Geometrical Problems</i>
Place	Grado
On invitation of	Profs. A. Ambrosetti, E. Mitidieri, R. Musina and P. Pucci
Dates	from 10 to 14/1/2005
Time	30min
Denomination	<i>Variational Methods and Nonlinear Differential Equations, in the occasion of the 60th birthday of Antonio Ambrosetti</i>
Place	Roma
On invitation of	Organazing Commitee
Dates	from 25 to 29/7/2005
Time	30min
Denomination	<i>Minisymposium Qualitative properties of solutions to P.D.E. nell'ambito della Convegno Equadiff 11. International conference on Differential Equations. Czecho-Slovak series</i>
Place	Bratislava
On invitation of	Prof. B. Kawohl
Dates	from 25 to 28/6/2006
Time	30min
Denomination	<i>Minisymposium Semigroups, Evolution Equations, and Boundary Conditions nell'ambito del Convegno 6th AIMS International Conference on Dynamical Systems, Differential Equations and Applications</i>
Place	Poitiers
On invitation of	Profs. J. Goldstein and G. Ruiz Goldstein
Dates	from 25 to 28/6/2006
Time	30min
Denomination	<i>Minisymposium Nonlinear elliptic and parabolic problems nell'ambito del Convegno 6th AIMS International Conference on Dynamical Systems, Differential Equations and Applications</i>
Place	Poitiers
On invitation of	Profs. F. Gazzola and H. C. Grunau
Dates	from 4 to 8/9/2006
Time	40min
Denomination	<i>Second Euro-Japanese Workshop on Blow-up</i>
Place	El Escorial (Madrid)
On invitation of	Profs. M. Fila, J. L. Vazquez and E. Yanagida
Dates	from 18 to 22/6/2007
Time	20min
Denomination	<i>Special session on operator semigroups and evolution equations nell'ambito del Joint International Meeting UMI-DMV</i>
Place	Perugia

On invitation of	Organazing Commitee
Dates	12/9/2008
Time	45min
Denomination	<i>Jornada de Ecuaciones en Derivadas Parciales</i>
Place	Departamento de Matematicas, Universidad Autonoma de Madrid
On invitation of	Prof. J. Luis Vazquez
Dates	from 25 to 28/5/2010
Time	30min
Denomination	<i>Special session on New Developments in Qualitative Behavior of Nonlinear Evolutionary PDEs nell'ambito del convegno 8th AIMS International Conference on Dynamical Systems, Differential Equations and Applications</i>
Place	Dresden
On invitation of	Profs. I. Lasiecka and G. Todorova
Dates	from 1 to 4/9/2010
Time	25min
Denomination	<i>PDE's, Semigroup Theory and Inverse Problems</i>
Place	Bologna
On invitation of	Profs. A. Favini and A. Lorenzi
Dates	from 20 to 22/1/2011
Time	30min
Denomination	<i>Nonlinear Partial Differential Equations</i>
Place	Venezia
On invitation of	Profs. A. Malchiodi and S. Terracini
Dates	from 14 to 15/7/2011
Time	40min
Denomination	<i>International Conference on Evolution Equations and Operator Semigroups</i>
Place	Bari
On invitation of	Profs. G. Fragnelli, G. Ruiz–Goldstein, R.M. Mininni and S. Romanelli
Dates	from 7 to 11/7/2014
Time	30min
Denomination	<i>Special session on Analysis and Control of Nonlinear Partial Differential Equation evolution Systems nell'ambito del convegno 10th AIMS International Conference on Dynamical Systems, Differential Equations and Applications</i>
Place	Madrid
On invitation of	Profs. G. Avalos, L. Bociu and F. Bucci
Dates	from 7 to 11/7/2014
Time	30min
Denomination	<i>Special session on Nonlinear Evolution Equations nell'ambito del convegno 10th AIMS International Conference on Dynamical Systems, Differential Equations and Applications</i>
Place	Madrid
On invitation of	Profs. P. Radu and J. Stalker
Dates	from 6 to 7/10/2014
Time	45min
Denomination	<i>Neuvièmes journées EDP</i>
Place	Université de Lille-Littoral-Valenciennes, Lille



On invitation of Profs. C. Chainais, J. von Below and S. Nicaise

Dates from 5 to 10/7/2015  
 Time 35min  
 Denomination *New advances in PDE's, Inverse Problems and Control Theory*  
 Place Parma

On invitation of Profs. A. Favini, G. Fragnelli, L. Lorenzi

Dates from 23 to 24/2/2017  
 Time 40min  
 Denomination *Two-day meeting on PDEs*  
 Place Perugia

On invitation of Profs. P. Pucci and M. C. Salvatori

*National Conferences*

Dates from 1 to 4/6/1999  
 Time 40min  
 Denomination *Giornate SISSA di Analisi Nonlineare*  
 Place S.I.S.S.A., Trieste  
 On invitation of Organazing Commitee

Dates 9/9/2000  
 Time 30min  
 Denomination *Analisi Nonlineare*  
 Place Perugia  
 On invitation of Organazing Commitee (Prof. A. Ambrosetti ed altri)

*Non – Italian Universities*

Dates from 23/3 to 7/4/1999  
 Time 45min  
 Istitution *Bulgarian Academy of Sciences, Sofia*  
 On invitation of Prof. Dodunekov

Dates 25/9/2002  
 Time 60min  
 Istitution *Departamento de Matematicas, Universidad Autonoma de Madrid*  
 On invitation of Prof. J. Luis Vazquez

Dates 19/5/2017  
 Time 60min  
 Istitution *Departamento de Matematicas Universidad Carlos III de Madrid*  
 On invitation of Prof. E. Colorado Heras

*Italian Universities*

Dates 20/11/1996

Time	60min
Istitution	<i>Dipartimento di Matematica dell' Università di Parma</i>
On invitation of	Dr. M. Belloni
Dates	6/2/2007
Time	60min
Istitution	<i>Dipartimento di Matematica dell'Università di Torino</i>
On invitation of	Pr.ssa Anna Capietto

OTHER COMMUNICATIONS AT CONFERENCES

*International Conference*

Dates	from 10 to 28/10/1994
Time	30min
Denomination	<i>School and Workshop on Variational and Local Methods in the study of Hamiltonian Systems</i>
Place	ICTP, Trieste
Dates	from 25 to 27/5/1998
Time	20min
Denomination	<i>Delft Meeting on Functional Analysis and Partial Differential Equations</i>
Place	Delft, Paesi Bassi
Dates	from 27 to 29/9/1999
Time	25min
Denomination	<i>Workshop Blow-up for and Global Existence of Solutions for Parabolic and Hyperbolic Problems</i>
Place	Dipartimento di Scienze Matematiche, Università di Trieste
Dates	from 28 to 30/6/2004
Time	20min
Denomination	<i>Nonlinear Elliptic and Parabolic Problems: A Special Tribute to the Work of Herbert Amann</i>
Place	Zurigo, Svizzera

*National Conferences*

Dates	from 15 to 16/4/1993
Time	15min
Denomination	<i>Convegno del Progetto Nazionale Equazioni Differenziali</i>
Place	Firenze
Dates	from 28 to 30/4/1994
Time	20min
Denomination	<i>Convegno, Sistemi hamiltoniani, equazioni alle derivate parziali, fluidodinamica, processi diffusivi</i>
Place	L'Aquila
Dates	from 11 to 16/9/1995
Time	15min

Denomination	<i>XV Congresso UMI, Analisi Nonlineare</i>
Place	Padova
Dates	from 10 to 13/11/1997
Time	20min
Denomination	<i>V Incontro Nazionale sulle Equazioni Iperboliche</i>
Place	L'Aquila
Dates	from 13 to 18/9/1999
Time	20min
Denomination	<i>XVI Congresso UMI</i>
Place	Napoli
Dates	from 30/11 to 2/12/2000
Time	20min
Denomination	<i>VIII Incontro Nazionale sulle Equazioni Iperboliche</i>
Place	Brescia
Dates	from 8 to 13/9/2003
Time	15min
Denomination	<i>XVII Congresso UMI</i>
Place	Milano
Dates	from 20 to 22/10/2004
Time	20min
Denomination	<i>Iperpisa 2004 - XI Incontro Nazionale sulle Equazioni Iperboliche</i>
Place	Pisa
Dates	13/1/2006
Time	30min
Denomination	<i>IV Convegno Annuale del Dipartimento di Matematica ed Informatica</i>
Place	Perugia
Dates	from 6 to 8/9/2017
Time	20min
Denomination	<i>XVII Italian Meeting on Hyperbolic Equations</i>
Place	Pavia

OTHER PARTECIPATIONS AT CONFERENCES

Dates	from 28 to 30/9/1992
Denomination	<i>Second International Conference on Partial Differential Equations</i>
Place	Como
Dates	from 26 to 29/10/1992
Denomination	<i>Conferenze in onore di James B. Serrin</i>
Place	Ferrara
Dates	from 2 to 4/11/1993
Denomination	<i>Second Meeting on Nonlinear Analysis - Workshop on Hamiltonian Systems</i>
Place	Scuola Normale Superiore, Pisa

Dates	from 22 to 26/7/1996
Denomination	<i>Escuela Internacional del Matematicas "Recent trends in elliptic equations and related topics"</i>
Place	Universidad Internacional Menéndez Pelayo, Santander, Spagna
Dates	from 26 to 28/9/1996
Denomination	<i>Workshop on Differential Equations and Calculus of Variations</i>
Place	Dipartimento di Matematica, Pisa
Dates	from 20 to 23/10/1997
Denomination	<i>Convegno in memoria di Ennio de Giorgi</i>
Place	Scuola Normale Superiore, Pisa
Dates	from 12 to 14/3/1998
Denomination	<i>Primo Convegno nazionale Problemi attuali dell'Analisi Nonlineare</i>
Place	Acicastello (Catania)
Dates	from 18 to 21/09/2001
Denomination	<i>Linear and Nonlinear Hyperbolic Equations</i>
Place	Grado
Dates	from 30/5 to 3/6/2004
Denomination	<i>Fifth European Conference on Elliptic and Parabolic Problems: A special tribute to the work of Haim Brezis</i>
Place	Gaeta
Dates	from 14 to 15/12/2014
Denomination	<i>Two – Days Meeting in Honor of Antonio Ambrosetti</i>
Place	Venezia
Dates	from 17 to 19/05/2017
Denomination	<i>Nonlinear diffusion and free boundary problems. A conference on the occasion of the 70th anniversary of Juan Luis Vázquez</i>
Place	UAM Madrid, Spagna
Dates	from 12 to 16/02/2018
Denomination	<i>Variational Methods in Analysis, Geometry and Physics</i>
Place	Scuola Normale Superiore, Pisa

#### ORGANIZATION OF SCIENTIFI MEETINGS

Dates	from 9 to 11/11/2000
Role	Member of the Organazing Committee
Denomination	<i>Analisi Nonlineare</i>
Place	Perugia
Dates	from 25 to 26/6/2008
Role	Member of the Scientific Commiteeee
Denomination	<i>International Workshop on Partial Differential Equations for the 80th birthday of James Serrin</i>
Place	Perugia
Dates	from 28/5 to 1/6/2012

Role	Member of the Organazing Committee
Denomination	<i>Workshop on Nonlinear Partial Differential Equations on the occasion of the sixtieth birthday of Patrizia Pucci</i>
Place	Perugia

DIRECTION OF RESEARCH PROJECTS

Dates	from 24/3/2010 to 31/12/2010
Supporter	G.N.A.M.P.A.
Denomination and year	Progetto di Ricerca 2010
Title	Evolution problems and dynamical boundary conditions

PARTECIPATION TO RESEARCH PROJECTS

Dates	from 1/1/1995 to 31/12/1995
Supporter	M.U.R.S.T.
Denomination and year	Ex 60% 1995
Title	<i>Analisi Non Lineare e Sistemi di Equazioni Differenziali</i>
Coordinator	Prof. P. Pucci

Dates	from 1/1/1996 to 31/12/1996
Supporter	M.U.R.S.T.
Denomination and year	Ex 60% 1996
Title	<i>Analisi Non Lineare e Sistemi di Equazioni Differenziali</i>
Coordinator	Prof. P. Pucci

Dates	from 1/1/1997 to 31/12/1997
Supporter	M.U.R.S.T.
Denomination and year	Ex 60% 1997
Title	<i>Analisi Non Lineare e Sistemi di Equazioni Differenziali</i>
Coordinator	Prof. P. Pucci

Dates	from 1/1/1997 to 31/12/1997
Supporter	C.N.R.
Denomination and year	Contributi 1997
Title	<i>Modelli e Metodi per la Matematica e l'Ingegneria</i>
Coordinator	Prof. P. Pucci

Dates	from 20/12/1998 to 12/01/2001
Supporter	M.I.U.R.
Denomination and year	P.R.I.N. 1998
Title	<i>Unicità e simmetria per equazioni ellittiche quasilineari</i>
Coordinator	Prof. A. Ambrosetti

Dates	from 1/1/1998 to 31/12/1998
Supporter	Universita' di Perugia
Denomination and year	Progetto d'Ateneo 1998
Title	<i>Analisi Non Lineare</i>
Coordinator	Prof. P. Pucci

Dates	from 1/1/1998 to 31/12/1998
Supporter	D.A.A.D.
Denomination and year	Progetto Vigoni 1998
Title	<i>Problemi agli autovalori ellittici semilineari</i>

Coordinator	Prof. P. Pucci
Dates	from 1/1/1998 to 31/12/1998
Supporter	C.N.R.
Denomination and year	Contributi 1998
Title	<i>Modelli e Metodi per la Matematica e l'Ingegneria</i>
Coordinator	Prof. P. Pucci
Dates	from 1/1/1999 to 1/10/2002
Supporter	Università di Perugia
Denomination and year	Progetto d'Ateneo 1999
Title	<i>Analisi Non Lineare</i>
Coordinator	Prof. P. Pucci
Dates	from 1/1/1999 to 31/12/1999
Supporter	D.A.A.D.
Denomination and year	Progetto Vigoni 1999
Title	<i>Problemi agli autovalori ellittici semilineari</i>
Coordinator	Prof. P. Pucci
Dates	from 20/12/2000 to 27/12/2002
Supporter	M.I.U.R.
Denomination and year	Progetto P.R.I.N. 2000
Title	<i>Problemi ellittici quasilineari e questioni collegate</i>
Coordinator	Prof. A. Ambrosetti
Dates	from 16/12/2002 to 30/12/2004
Supporter	M.I.U.R.
Denomination and year	Progetto P.R.I.N. 2002
Title	<i>Quasilinear Elliptic Problems and related questions</i>
Coordinator	Prof. A. Ambrosetti
Dates	from 1/1/2002 to 31/12/2002
Supporter	INdAM, G.N.A.M.P.A.
Denomination and year	Progetto di Ricerca 2002
Title	<i>Equazioni Differenziali Non Lineari di Tipo Ellittico e Parabolico</i>
Coordinator	Prof. E. Mitidieri
Dates	from 1/1/2003 to 31/12/2003
Supporter	INdAM, G.N.A.M.P.A.
Denomination and year	Progetto di Ricerca 2003
Title	<i>Equazioni Differenziali Non Lineari</i>
Coordinator	Prof. P. Pucci
Dates	from 30/11/2004 to 22/12/2006
Supporter	M.I.U.R.
Denomination and year	P.R.I.N. 2004
Title	<i>Quasilinear Elliptic Problems and related questions</i>
Coordinator	Prof. A. Ambrosetti
Dates	from 1/1/2004 to 31/12/2006
Supporter	C.N.R.
Denomination and year	Progetto Internazionale to the agreement on CNR/MTA Italy/Hungary

Title	<i>Perugia/Szeged</i>
Coordinator	Profs. P. Pucci and L. Hatvani
Dates	from 09/02/2007 to 16/03/2009
Supporter	M.I.U.R.
Denomination and year	Progetto P.R.I.N. 2006
Title	<i>Quasilinear Elliptic Problems and related questions</i>
Coordinator	Prof. A. Ambrosetti
Dates	from 17/10/2011 to 17/10/2013
Supporter	M.I.U.R.
Denomination and year	Progetto P.R.I.N. 2009
Title	<i>Variational Methods and Nonlinear PDEs</i>
Coordinator	Prof. A. Malchiodi
Dates	from 08/03/2014 to 08/03/2017
Supporter	M.I.U.R.
Denomination and year	Progetto P.R.I.N. 2012
Title	<i>Aspetti variazionali e perturbativi nei problemi differenziali nonlineari</i>
Coordinator	Prof. A. Malchiodi
Dates	from 1/1 to 31/12 2017
Supporter	INdAM, G.N.A.M.P.A.
Denomination and year	Progetto di Ricerca 2017
Title	<i>Equazioni Differenziali non lineari</i>
Coordinator	Prof. D. Mugnai

### **Awards**

Date	from 14/11/2014 to 14/11/2020
Denomination	Abilitazione Scientifica Nazionale Prima Fascia Settore 01/A3

### **Editorial Activity**

Member of the Editorial Board of	<i>Annals of the University of Craiova, Mathematics and Computer Sciences Series</i> from 2018
Referee for:	

Abstract and Applied Analysis  
 Acta Applicandae Mathematicae  
 Acta Mathematica Sinica  
 Advances in Differential Equations  
 Advances in Nonlinear Analysis  
 Advanced Nonlinear Studies  
 Applied Mathematics and Computation  
 Applied Mathematics and Optimization  
 Applied Mathematics Letters  
 Asymptotic Analysis  
 Boundary Value Problems  
 Bulletin of the Belgian Mathematical Society – Simon Stevin  
 Calculus of Variations and Partial Differential Equations  
 Central European Journal of Mathematics  
 Communications in Partial Differential Equations

Communications on Pure and Applied Analysis  
Comptes Rendues Mathématique  
Computer and Mathematics with Applications  
Differential and Integral Equations  
Discrete and Continuous Dynamical Systems – Series B  
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Nonlinearity  
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Proceedings of the London Mathematical Society  
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SIAM Journal on Control and Optimization  
Transactions of the American Mathematical Society  
Vietnam Journal of Mathematics  
Zeitschrift für Angewandte Mathematik und Physik

Reviewer for

Mathematical Review



- [1] E. Vitillaro, *Misure invarianti per trasformazioni  $C^2$  a tratti ed espansive di  $[0, 1]^N$  in sè*, Atti Sem. Mat. Fis. Univ. Modena **40** (1992), no. 1, 215–228
- [2] E. Vitillaro, *Periodic solutions for singular conservative systems*, J. Math. Anal. Appl. **185** (1994), no. 2, 403–429
- [3] A. Ambrosetti, K. Tanaka, and E. Vitillaro, *Periodic solutions with prescribed energy for some Keplerian  $N$ -body problems*, Ann. Inst. H. Poincaré Anal. Non Linéaire **11** (1994), no. 6, 613–632
- [4] E. Vitillaro, *Closed orbits of prescribed mean potential energy for a class of  $N$ -body type problems*, Dynam. Systems Appl. **4** (1995), no. 2, 225–235
- [5] E. Vitillaro, *Non-collision periodic solutions of fixed energy for a symmetric  $N$ -body type problem*, Variational and local methods in the study of Hamiltonian systems (Trieste, 1994), World Sci. Publ., River Edge, NJ, 1995, pp. 202–211
- [6] M. C. Salvatori and E. Vitillaro, *Asymptotic behavior near the singularity of a second order nonlinear differential equation*, Asymptotic Analysis **12** (1996), 55–76
- [7] E. Vitillaro, *Decay for some second order nonlinear systems*, Proceedings of the Seventh International Colloquium on Differential Equations (D. Bainov, ed.), VSP, The Netherlands, 1997, pp. 401–412
- [8] M. C. Salvatori and E. Vitillaro, *Decay for the solutions of nonlinear abstract damped evolution equations with applications to partial and ordinary differential systems*, Differential Integral Equations **11** (1998), 223–262
- [9] A. Boccuto and E. Vitillaro, *Asymptotic stability for abstract evolution equations and applications to partial differential systems*, Rend. Circ. Mat. Palermo (2) **47** (1998), 25–48
- [10] M. C. Bossi and E. Vitillaro, *Asymptotic stability for damped strongly non-autonomous systems with applications to holonomic mechanical systems and nonlinear networks*, NoDEA, Nonlinear Differential Equations Appl. **5** (1998), 25–48
- [11] M. C. Salvatori and E. Vitillaro, *Decay and stability for some nonlinear quasi-variational systems*, Atti Sem. Mat. Fis. Univ. Modena **46** (1998), no. suppl., 937–949, Dedicated to Prof. C. Vinti (Italian) (Perugia, 1996)
- [12] M. C. Salvatori and E. Vitillaro, *Decay properties for some Lagrangian systems with dissipative terms and applications*, Period. Math. Hungar. **38** (1999), no. 1-2, 63–85
- [13] E. Vitillaro, *Global nonexistence theorems for a class of evolution equations with dissipation and application*, Arch. Rational Mech. Anal. **149** (1999), 155–182
- [14] E. Vitillaro, *Blow-up for the porous media equation with source term and positive initial energy*, J. Math. Anal. Appl. **247** (2000), 183–197
- [15] E. Vitillaro, *Some new results on global nonexistence and blow-up for evolution problems with positive initial energy*, Rend. Istit. Mat. Univ. Trieste **31** (2000), no. suppl. 2, 245–275
- [16] E. Vitillaro, *A potential well theory for the wave equation with nonlinear source and boundary damping terms*, Glasg. Math. J. **44** (2002), no. 3, 375–395
- [17] E. Vitillaro, *Global existence for the wave equation with nonlinear boundary damping and source terms*, J. Differential Equations **186** (2002), no. 1, 259–298
- [18] J. Serrin, G. Todorova, and E. Vitillaro, *Existence for a nonlinear wave equation with damping and source terms*, Differential Integral Equations **16** (2003), no. 1, 13–50
- [19] E. Vitillaro, *Global existence for the heat equation with nonlinear dynamical boundary condition*, Proc. Roy. Soc. Edinburgh Sect. A **135** (2005), 1–33

- [20] G. Todorova and E. Vitillaro, *Blow-up for nonlinear dissipative wave equations in  $\mathbb{R}^n$* , J. Math. Anal. Appl. **303** (2005), no. 1, 242–257
- [21] E. Vitillaro, *On the Laplace equation with non-linear dynamical boundary conditions*, Proc. London Math. Soc. (3) **93** (2006), no. 2, 418–446
- [22] J. L. Vazquez and E. Vitillaro, *Heat equation with dynamical boundary conditions of locally reactive type*, Semigroup Forum **74** (2007), no. 1, 1–40
- [23] J. L. Vazquez and E. Vitillaro, *Heat equation with dynamical boundary conditions of reactive type*, Comm. Partial Differential Equations **33** (2008), no. 4-6, 561–612
- [24] J. L. Vazquez and E. Vitillaro, *Wave equation with second-order non-standard dynamical boundary conditions*, Math. Models Methods Appl. Sci. **18** (2008), no. 12, 2019–2054
- [25] J. L. Vazquez and E. Vitillaro, *On the Laplace equation with dynamical boundary conditions of reactive-diffusive type*, J. Math. Anal. Appl. **354** (2009), no. 2, 674–688
- [26] J. L. Vazquez and E. Vitillaro, *Heat equation with dynamical boundary conditions of reactive-diffusive type*, J. Differential Equations **250** (2011), no. 4, 2143–2161
- [27] A. Fiscella and E. Vitillaro, *Local Hadamard well-posedness and blow-up for reaction-diffusion equations with non-linear dynamical boundary conditions*, Discrete Contin. Dyn. Syst. **33** (2013), no. 11-12, 5015–5047
- [28] E. Vitillaro, *Strong solutions for the wave equation with a kinetic boundary condition*, Recent trends in nonlinear partial differential equations. I. Evolution problems, Contemp. Math., vol. 594, Amer. Math. Soc., Providence, RI, 2013, pp. 295–307
- [29] E. Vitillaro, *Selected papers of james serrin, contemporary mathematicians*, ch. Wave Operators – Part II, pp. 283–285, Birkhauser, Basel, 2014
- [30] A. Fiscella and E. Vitillaro, *Blow-up for the wave equation with nonlinear source and boundary damping terms*, Proc. Roy. Soc. Edinburgh Sect. A **145** (2015), no. 4, 759–778
- [31] E. Vitillaro, *On the Wave Equation with Hyperbolic Dynamical Boundary Conditions, Interior and Boundary Damping and Source*, Arch. Ration. Mech. Anal. **223** (2017), no. 3, 1183–1237
- [32] E. Vitillaro, *On the wave equation with hyperbolic dynamical boundary conditions, interior and boundary damping and supercritical sources*, Journal of Differential Equations, 2018, (electronic)