Curriculum Vitae di Marco Squassina

Versione italiana - Con bibliografia completa

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1 Informazioni Generali

Dati anagrafici:

Nome:	Marco Squassina
Nascita:	03.05.74, Brescia
Stato civile:	Coniugato con Maria Malandrino dal 03.08.02
Figli:	Giulia Squassina (01.05.04) e Roberta Squassina (16.02.07)

Posizioni Accademiche (2006-):

(01.11.16 -) **Professore Ordinario** - Analisi Matematica (Mat/05), *Università Cattolica - Brescia*

(01.01.11 - 31.10.16) **Professore Associato** - Analisi Matematica (Mat/05), *Università di Verona*

(01.10.06 - 31.12.10) **Ricercatore** - Analisi Matematica (Mat/05), *Università di Verona*

Formazione Post-Dottorato (2002-2006):

(01.01.06 - 30.09.06) **Assegno di Ricerca** - Dipartimento di Matematica, Università di Milano Bicocca.

(01.03.03 - 31.12.05) **Assegno di Ricerca** - Dipartimento di Matematica, Politecnico di Milano.

(28.02.02 - 28.02.03) **Borsa Post-Doc** - Dipartimento di Matematica, Università Cattolica del Sacro Cuore.

Dottorato di Ricerca (1998-2001):

(1998-2001) **Dottorato in Matematica** - (26.01.02),
Università degli Studi di Milano.
Commissione: G. Buttazzo, G. Gallavotti e A.M. Micheletti.
Titolo: *"Existence, multiplicity and perturbation results for quasilinear elliptic problems via non-smooth critical point theory"*.
Supervisore: Prof. M. Degiovanni. ☞ Voto finale: **Ottimo**.

Formazione Pre-Dottorato (1989-1997):

(1994-1997) **Laurea in Matematica** - (10.07.97), Università Cattolica del Sacro Cuore.
Titolo della tesi: *"Variational methods in the study of quasilinear elliptic problems"*.
Supervisore: Prof. M. Degiovanni. ☞ Voto finale: **110 e lode**.

(1989-1993) **Maturità Scientifica** - (15.06.93)
Liceo Scientifico N. Copernico, Brescia. ☞ Voto finale: **60/60**.

Assegnisti di Ricerca:

(2009) ☞ Dott.ssa Sara Barile

(2014) ☞ Dott. Antonio Iannizzotto (ora Prof. Associato all'Univ. Cagliari).

(2015) ☞ Dott. Sunra J. Mosconi (SNS, studente di Luigi Ambrosio).

Editor-in-Chief di Advances in Nonlinear Analysis (2011-):

(2011-) ☞ Editor in Chief, assieme a Vicentiu Radulescu di:
Advances in Nonlinear Analysis (ANA), De Gruyter.
link: http://www.degruyter.com/view/j/anona

Appartenenza ad Editorial Boards (2006-):

(2008-) ☞ Membro dell'Editorial Board di:
European Journal of Mathematics (EJM)
link: http://www.springer.com/mathematics/algebra/journal/40879

(2006-) ☞ Membro dell'Editorial Board di:
Electronic Journal of Differential Equations (EJDE)
link: http://ejde.math.txstate.edu

(2016-) ☞ Membro dell'Editorial Board di:
AIMS Mathematics
link: http://www.aimspress.com/journal/Math

(2012-) ☞ Membro dell'Editorial Board di:
Nonautonomous Dynamical Systems, De Gruyter
link: http://www.degruyter.com/view/j/msds

(2012-) ☞ Membro dell'Editorial Board di:
Abstract and Applied Analysis (AAA)
link: http://www.hindawi.com/journals/aaa

(2006-) ☞ Membro dell'Editorial Board di:
International Journal of Mathematics and Mathematical Sciences (IJMMS)
link: http://www.hindawi.com/journals/ijmms

(2013-) ☞ Coordinating Editor per il settore PDEs per:
Communication in Mathematical Analysis
link: http://projecteuclid.org/cma

2 Bibliografia Completa (1999-)

Dati bibliometrici **MathSciNet** ("Author=squassina") aggiornati a Gennaio 2017:

☞ **118** Lavori.

☞ **843** Citazioni da **620** autori.

☞ H-index **13**.

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A. Lavori Pubblicati o Accettati (Ordine Alfabetico)

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[6] L. Brasco, E. Parini, M. Squassina,
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Discrete Contin. Dyn. Syst. A **36** (2015), 1813–1845.

[7] L. Brasco, S. Mosconi, M. Squassina,
Optimal decay of extremals for the fractional Sobolev inequality,
Calc. Var. Partial Differential Equations **55** (2016), 55:23.

[8] M. Caliari, M. Squassina,
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Dyn. Partial Differential Equations **5** (2008), 117–137.

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[10] M. Caliari, M. Squassina,
Numerical computation of soliton dynamics for NLS equations in a driving potential,
Electron. J. Differential Equations **89** (2010), 1–12.

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On a bifurcation value related to quasi-linear Schrödinger equations,
J. Fixed Point Theory Appl. **12** (2012), 121–133.

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Nonlinear Anal. **51** (2002), 249–270.

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Dyn. Contin. Discrete Impuls. Syst. Ser. A Math. Anal. **10** (2003), 181–191.

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Adv. Nonlinear Stud. **16** (2016), 821–842.

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On fractional Choquard equations,
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On the regularity of solutions in the Pucci-Serrin identity,
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J. Convex Anal. **8** (2001), 471–488.

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J. Math. Anal. Appl. **421** (2015), 362–369.

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J. Eur. Math. Soc. (JEMS) **10** (2008), 47–71.

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Adv. Nonlinear Stud. **10** (2010), 789–818.

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Some symmetry results for the $p(x)$-Laplacian equation,
Adv. Nonlinear Analysis **2** (2013), 43–64.

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Nonlocal problems at nearly critical growth,
Nonlinear Anal. **136** (2016), 84–101.

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Nonlocal problems at critical growth in contractible domains,
Asymptotic Anal. **95** (2015), 79–100.

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The Brezis-Nirenberg problem for the fractional p-Laplacian,
Calc. Var. Partial Differential Equations **55** (2016), 55:105.

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B. Monografie di Ricerca.

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La monografia risulta reperibile anche dal sito della Europ. Math. Society (EMS) attraverso il link:
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C. Monografie Didattiche.

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Introduzione all'Analisi Qualitativa dei Sistemi Dinamici Discreti e Continui,
Springer Editore, Springer Unitext, +346pp, 2016, in stampa.

3 Organizzazione di Convegni Scientifici

Organizzatore del convegno scientifico:
"*Critical Point Theory and Nonlinear Differential Problems*",
Alba di Canazei (Dolomiti), Val di Fassa, Trento, Settembre 2-4, 2015.
Comitato scientifico: V. Benci, A. Canino, S. Cingolani, D. Fortunato e M. Squassina.

4 Inviti Scientifici

❖ Invito del Prof. Yannick Sire
Dipartimento di Matematica, Università di Marsiglia, Francia, Marzo 2015.

❖ Invito del Prof. Olimpio H. Miyagaki
Dipartimento di Matematica, Università di Juiz de Fora, Brasile, Dicembre 2014.

❖ Invito del Prof. Gaetano Siciliano
Dipartimento di Matematica, Università di S. Paulo, S. Paulo, Brasile, Febbraio 2014.

❖ Invito della Prof. Liliane Maia
Dipartimento di Matematica, Università di Brasilia, Brasile, Febbraio 2014.

❖ Invito del Prof. Cyril Tintarev
Dipartimento di Matematica, Università di Uppsala, Svezia, Novembre 2013.

❖ Invito del Prof. Andrzej Szulkin
Dipartimento di Matematica, Università di Stoccolma, Svezia, Ottobre 2013.

❖ Invito del Prof. Marcello Lucia
Dipartimento di Matematica, CUNY University, New York, Aprile 2013.

❖ Invito del Dott. Claudio Bonanno
Dipartimento di Matematica, Università di Pisa, Ottobre 2011.

❖ Invito del Prof. Lucio Boccardo
Dipartimento di Matematica, Università di Roma La Sapienza, Luglio 2011.

❖ Invito della Dott.ssa Francesca Gladiali
Dipartimento di Matematica, Università di Sassari, Giugno 2011.

❖ Invito del Prof. Louis Jeanjean
Dipartimento di Matematica, Université de Franche-Comté, Francia, Giugno 2011.

❖ Invito del Prof. Louis Jeanjean
Dipartimento di Matematica, Université de Franche-Comté, Francia, Aprile 2009.

❖ Invito del Prof. Louis Jeanjean
Dipartimento di Matematica, Université de Franche-Comté, Francia, Aprile 2008.

5 Comunicazioni Scientifiche

❖ *Bari*, Giugno 2016, Achievements and Perspectives in Nonlinear Analysis. A tribute to Donato Fortunato.
(**Comunicazione**: "Optimal decay for the fractional Sobolev embedding and applications").

❖ *Bologna*, Novembre 2015, Seminario B. Pini, invito della Prof.ssa Annamaria Montanari.
(**Comunicazione**: "The Brezis-Nirenberg problem for the fractional p-Laplacian").

❖ *Catania*, Luglio 2015, invito del Prof. Salvatore Marano.
(**Comunicazione**: "Eigenvalues of the fractional p-Laplacian and Brezis-Nirenberg problem").

❖ *Besancon*, Luglio 2015, invito del Prof. Louis Jeanjean.
(**Comunicazione**: "Eigenvalues of the fractional p-Laplacian and Brezis-Nirenberg problem").

❖ *Marsiglia*, Marzo 2015, invito del Prof. Yannick Sire.
(**Comunicazione**: "Symmetry in variational principles and applications").

❖ *Madrid*, Luglio 2014, AIMS Meeting.
(**Comunicazione**: "Existence results for nonlocal problems at critical and subcritical growth").

❖ *Juiz de Fora*, Dicembre 2014, invito del Prof. Olimpio Miyagaki.
(**Comunicazione**: "Symmetry in variational principles").

❖ *Alghero*, Giugno 2013, Meeting "Variat. topol. methods in the study of nonlinear phenomena".
(**Comunicazione**: "Soliton dynamics for nonlocal NLS").

❖ *Pisa*, Febbraio 2013, invito del Prof. Vieri Benci.
(**Comunicazione**: "On the Schrödinger-Newton system").

❖ *Roma1*, Novembre 2012, invito della Prof.ssa Angela Pistoia.
(**Comunicazione**: "Symmetry in variational principles and applications").

❖ *Pisa*, Giugno 2011, invito dei Dott. Claudio Bonanno e Marco Ghimenti.
(**Comunicazione**: 'Symmetry in variational principles').

❖ *Besancon*, Giugno 2011, invito del Prof. Louis Jeanjean.
(**Comunicazione**: "Symmetry in variational principles and applications").

❖ *Roma3*, Marzo 2010, invito del dott. Pierpaolo Esposito.
(**Comunicazione**: "Soluzioni radiali di minimo o minimax in problemi ellittici quasi-lineari").

❖ *Torino Politecnico*, Gennaio 2010, invito del Dott. Sergio Lancelotti.
(**Comunicazione**: "Radial symmetry for minimum and minimax critical points").

❖ *Cosenza, Università degli Studi della Calabria*, invito della Prof.ssa Annamaria Canino.
(**Comunicazione**: "Existence, symmetry and stability for some quasi-linear elliptic problems").

❖ *Granada*, Ottobre 2009, invito del Prof. David Arcoya Alvarez.
(**Comunicazione**: "Existence, symmetry and stability for some quasi-linear elliptic problem").

❖ *Besancon*, Marzo 2009, invito del Prof. Louis Jeanjean.
(**Comunicazione**: "Some recent developments on the soliton dynamics for NLS equations").

❖ *Roma2*, Marzo 2009, invito del Prof. Enrico Valdinoci.
(**Comunicazione**: "Some recent developments on the soliton dynamics for NLS equations").

❖ *Roma1*, Marzo 2009, invito del dott. Eugenio Montefusco.
(**Comunicazione**: "Existence and symmetry of least energy solutions for quasi-linear elliptic equations").

❖ *WCNA 2008, World Congress Nonlinear Analysts,* Orlando, Florida, Luglio 2008.
(**Organizzatore sessione**: "Recent achievements on scalar and vector nonlinear Schrödinger equations".

❖ *Cosenza*, Ottobre 2008, invito della Prof.ssa Annamaria Canino.
(**Comunicazione**: "Dinamica solitonica per sistemi di Schrödinger").

❖ *Otranto, Variational & Topological Methods in the Study of Nonlinear Phenomena,* Otranto, Maggio 2008.
(**Comunicazione**: "Spatial patterns of ground state solutions for Gross-Pitaevskii systems in the plane").

❖ *Milano*, Marzo 2006, invito della Prof.ssa Susanna Terracini.
(**Comunicazione**: "On a system of weakly coupled Schrodinger equations.").

❖ *Perugia*, Febbraio 2006, invito della dott.ssa Roberta Filippucci.
(**Comunicazione**: "On a system of weakly coupled Schrödinger equations").

❖ *Montecatini*, Settembre 2005, invitato dal Prof. Maurizio Grasselli.
(**Comunicazione**: "Global solutions and finite time blow-up for damped semilinear wave equations").

❖ *Grado*, Settembre 2005 invitato dal Prof. Filippo Gazzola.
(**Comunicazione**: "Global solutions and finite time blow-up for damped semilinear wave equations").

❖ *Roma1*, Giugno 2005, invito del dott. Eugenio Montefusco.
(**Comunicazione**: "Localizzazione dei punti di concentrazione nei prob ellittici singolarmente perturbati").

❖ *Rimini*, Marzo 2005, invitato dal Prof. Maurizio Grasselli.
(**Comunicazione**: "Exponential stability and singular limit for a linear thermoelastic plate with memory").

❖ *Guanajuato,* Meeting on topological and variational methods for PDEs, Mexico, Dicembre 2005.
(**Comunicazione**: "On a system of weakly coupled Schrödinger equations").

❖ *Grado,* Nonlinear Elliptic and Parabolic Problems II, Grado, Settembre 2005.
(**Comunicazione**: "Global solutions and finite time blow-up for damped semilinear wave equations").

❖ *Pomona,* 5th Internatinal Conference on Dynamical Systems and Differential Equations, Giugno 2004.
(**Comunicazione**: "Existence of unbounded critical points for a class of lower semicontinuous functionals").

❖ *Milano,* XVII Congresso Unione Matematica Italiana UMI, Settembre 2003.
(**Comunicazione**: "Soluzioni a picco per equazioni quasilineari e identità di Pohožaev Pucci Serrin").

❖ *Brescia,* Metodi Topologici nel Calcolo delle Variazioni e Sistemi Dinamici, Settembre 2003.
(**Comunicazione**: "An overview on polyharmonic equations at critical growth").

❖ *Grado,* Nonlinear Partial Differential Equations and Connected Geometrical Problems, Settembre 2003.
(**Comunicazione**: "A few useful consequences of the Pohožaev-Pucci-Serrin identity")

❖ *Salo'*, Materiali Speciali e Memorie: Problemi Modellistici e Analitici, Luglio 2003.
(**Comunicazione**: "Sull'equazione d'onda con smorzamento forte").

❖ *Milano,* Seminario di Calcolo delle Variazioni, Politecnico di Milano, Marzo 2003.
(**Comunicazione**: "Regolarità delle soluzioni nelle identità di Pohožaev-Pucci-Serrin e fenomeni di concentrazione per equazioni quasilineari").

❖ *Nizza*, First EMS-SMAI-SMF Joint Conference, Applied Math. Appl. Math., Febbraio 2003.
(**Comunicazione**: "Spike solutions for singularly perturbed quasilinear elliptic problems").

❖ *Martina Franca,* Calculus of Variations and Nonlinear Phenomena, Settembre 2002.
(**Comunicazione**: "Some recent results on higher order elliptic equations").

❖ *Wilmington,* Fourth International Conference on Dynamical Systems and Diff. Equat., Maggio 2002
(**Comunicazione**: "Some multiplicity results for polyharmonic elliptic problems with broken of symmetry").

❖ *Ontario,* Dynamics of Continuous, Discrete, Impulsive Systems, Luglio 2001.
(**Comunicazione**: "Two solutions for inhomogeneous fully nonlinear elliptic equations at critical growth").

❖ *Sammomme*, Incontro del Gruppo di Ricerca, Aprile 2001.
(**Comunicazione**: "Multiple solutions for quasilinear elliptic problems in $\mathbb{R}^2$ with exponential growth").

❖ *Catania,* Third World Congress of Nonlinear Analysts, Luglio 2000.
(**Comunicazione**: "Perturbations of even functionals associated with quasilinear elliptic systems").

6 Attività Didattica: Verona (2006-2016)

Insegnamenti tenuti dal 2006 presso l'Università degli Studi di Verona.

❋ Corso di *Modelli Matematici per la Biologia*
A.A. 06/07, 07/08, 08/09, 09/10, 10/11, 11/12, 12/13, 13/14, 14/15, 15/16
(Matematica Applicata, Università di Verona)

❋ Corso di *Equazioni alle Derivate Parziali*
A.A. 09/10, 10/11, 11/12, 12/13, 13/14, 14/15, 15/16
(Magistrale Matematica Applicata, Università di Verona)

❋ Corso di *Analisi Matematica II*
A.A. 07/08, 08/09 (Matematica Applicata, Università di Verona)

❋ Corso di *Analisi Matematica I*
A.A. 07/08 (Bioinformatica, Università di Verona)

❋ Corso di *Analisi Matematica*
A.A. 06/07 (Informatica, Università di Verona)

❋ Corso di *Analisi Matematica I*
A.A. 06/07 (Matematica Applicata, Università di Verona).

7 Attività Didattica: Brescia (2017-)

❋ Corso di *Istituzioni di Analisi Superiore*
(Matematica e Fisica, Scienze MM. FF. NN, A.A. 16/17)

❋ Corso di *Equazioni Differenziali*
(Matematica e Fisica, Scienze MM. FF. NN, A.A. 16/17)

❋ Corso di *Sistemi Dinamici Applicati*
(Matematica e Fisica, Scienze MM. FF. NN, A.A. 16/17)

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Brescia, 5 gennaio 2017

MARCO SQUASSINA (FIRMA)