ANEXO 1

CURRICULUM VITAE

Nombre: Manuel Adrián del Pino Manresa

Nacimiento: 24 de Mayo 1962 en Santiago

Nacionalidad: Chilena.

Afiliación: Departamento de Ingeniería Matematica, Universidad de Chile.

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Títulos y Grados

• Ph.D in Mathematics, University of Minnesota, 1992   (Advisor: Wei-Ming Ni).
• Ingeniero Civil Matemático, Universidad de Chile, 1987..

Puestos Académicos

• 2002-present: Professor, Universidad de Chile.
• 1996-2002: Associate Professor, Universidad de Chile.
• 1995-1996: Assistant Professor, Universidad de Chile.
• 1993-1995: L.E. Dickson Instructor, University of Chicago.
• 1992-1993: Member, Institute for Advanced Study, Princeton.

Puestos de Profesor Visitante

- University of California-Irvine Winter quarter 1998-1999.
- Université de Paris-Dauphine Diciembre 2006-Enero 2007.
- Ecole Polytechnique Diciembre 2011
- Université de Paris-Dauphine Diciembre 2012-Enero 2012.

Honores recibidos

- *Invited Speaker* a una ponencia de 45 minutos en el *International Congress of Mathematicians, ICM,* Agosto 21-27, 2010, Hyderabad, India.
- Miembro correspondiente de la Academia Chilena de Ciencias desde Diciembre 2009.

Otras Distinciones

- Premio al Mejor Docente (FCFM, Universidad de Chile, 2008).
- Excellent thesis award University of Minnesota 1991-1992.
- Good Teaching Award University of Minnesota 1992.

Organización de Conferencias

- *CIMPA-Summer School in Partial Differential Equations*. Temuco, Chile, Enero 11-29 1999.

- USA-Chile Workshop on Nonlinear Analysis, 10-15 Enero 2000, Viña del Mar, Chile.

- *Progress in Nonlinear Partial Differential Equations*, 10-14 Junio 2002, Santiago, Chile.

- *Pan-American Advanced Studies Institute (PASI) on Differential Equations and Nonlinear Analysis*, 10-21 Enero 2005, Santiago, Chile.

- Special Session *Concentration phenomena in semilinear elliptic problems* at the 6th European Conference in Elliptic and Parabolic Problems May 25-29 2009, Gaeta, Italy.

- *First Chile-Japan Workshop on Nonlineal Elliptic and Parabolic PDE,* Santiago, 23-26 Octubre 2007

- *The second Chile-Japan Conference in Nonlineal Elliptic and Parabolic PDE,* Tokio, 1-4 Diciembre 2009.

- Workshop Recent Advances on de Giorgi's Conjecture and the Study of Entire Solutions of Nonlinear Scalar Equations: Interaction of PDEs and Differential Geometry, Banff, Canada Agosto 8-13 2010.

- Member of Scientific Committee of the *Workshop on Variational Methodsin Nonlinear Differential Equations,* Oaxaca, Mexico, 17-22 Octubre 2010.

- *First Sino-Chilean conference in Nonlineal partial differential equations and nonlinear analysis* Wuhan, China, 6-10 Diciembre 2010.

- Asymptotic dynamics driven by solitons and traveling fronts in nonlinear PDE, Santiago, Chile 11-15 Julio 2011.

- Member of the Scientific Committee of *Cocompact Imbeddings, Profile Decompositions and their Applications to PDE* in the framework of the International Centre for Theoretical Sciences of the Tata Institute for Fundamental Research (ICTS-TIFR), India, Enero 5-11 2012.

- *Singular limit problems in PDEs*, CIRM Workshop, Luminy, Francia, Diciembre 2012.

- *Geometric Aspects of Semilinear Elliptic Equations: Recent Advances & Future Perspectives,* Special Session at 2nd Pacific Rim Mathematics Conference, Shanghai Junio 2013.

- *BIRS Workshop Geometric Aspects of Semilinear Elliptic and Parabolic Equations: Recent Advances and Future Perspectives.* Banff, Canada, Mayo 2014.

Fondos concursables de Investigación

- NSF-USA Individual Grant, (1994-1995).
- European Community (Cooperación Chile/EC), Investigador principal (1993-1996).
- NSF-USA/Conicyt. P.I. (1998-2001).
- Fundación Andes/Antorcha (Chile/Argentina) (1995-1997).
- Cátedra Presidencial (Coinvestigador) (1996-1998).
- FONDAP Matemáticas Aplicadas, Investigador asociado, (1997-2011).
- Cuatro proyectos FONDECYT regulares consecutivos como investigador principal desde 1995 hasta la fecha.
- Proyecto Lineas Complementarias FONDECYT investigador principal.
- (2000-2003)
- NSF-USA/Conicyt, Investigador Principal (2002-2003).
- Ecos-France/Conicyt, Coinvestigador (1997- 2005).
- CNR-Italy/Conicyt, Investigador Principal (2003-2004).
- Ecos-France/Conicyt, Investigador Principal (2006-2009).
- Mathamsud/Conicyt, Coinvestigador (2009-2011).
- Fondo Basal CMM Investigador Principal (2009-2014).
- Anillo ACT 125 Center for Analysis of Partial Differential Equations (CAPDE) Investigador Principal (2010-2012).

Información Adicional

- Miembro del comité editorial de **Communications on Pure and Applied Analysis** 2001-2013.

- Miembro del comité editorial de **Journal of Mathematical Analysis and Applications** desde 2011.
- Miembro del comité editorial de **Discrete and Continuous Dynamical Systems** desde 2013.
- Miembro del comité editorial de ISRN Mathematical Analysis 2010-2012.
- Miembro del comité editorial de **Analysis in Theory and Applications** desde 2013.
- Miembro del comité editorial de **Advances in Nonlinear Analysis** desde 2012.

- Director, Departamento de Ingeniería Matemática Universidad de Chile, 2004-2006.
- Miembro Comisión de Calificación (2007-2008) y Comisión de Evaluación, FCFM (2008-2011) Universidad de Chile.

- **Referee para las siguientes revistas:** Communications in Mathematical Physics, Inventiones Matematicae, Acta Matematica, Advances in Mathematics, Journal of Functional Analysis, Duke Mathematical Journal, Nonlinearity, American Journal of Mathematics, Pacific Journal of Mathematics, Communications in Partial Differential Equations, Journal of Differential Equations, Annales de l´Institute Henri Poincaré, Analyse Nonlineaire, Indiana University Mathematics Journal, Calculus of Variations and Partial Differential Equations, Mathematische Annalen, Journal of the London Mathematical Society, Communications in Analysis and Geometry, Journal des Mathematiques Pures et Apliquées, Proceedings of the American Mathematical Society, Transactions of the American Mathematical Society, Advances in Differential Equations, Differential and Integral Equations, Nonlinear Analysis, Journal of Mathematical Analysis and Applications, Discrete and Continuous Dynamical systems, Communications in Contemporary Mathematics, Electronic Journal of Differential Equations, Proceedings of the Royal Sciety of Edinburgh, , ESAIM Calculus of Variations, Annali Scuola Normale Superiore di Pisa. IEEE Transactions Information Theory, Bulletin Brazilian Mathematical Society.

- Miembro del panel de evaluación de proyectos FONDECYT en 3 períodos, (Director 2006), evaluador de grant proposals para ISF Israel, MEC España, CONACYT Argentina y CNPQ Brasil. Miembro del jurado para el otorgamiento del Instituto de Matemática Española (IEMATH) 2008. Jurado para Concursos Académicos en Analisis U. de Buenos Aires. Jurado en Habilitaciones de Profesor Francesas en 2011 y 2012.

• Miembro del Panel de Matemáticas y Estadística para Acreditación de postgrados CNA 2009-a la fecha, Par evaluador en Acreditación de Pregrados (Antes Cnap, actualmente para Agencia Acredita CI).

VII Lista de Publicaciones

VII.1 Publicaciones en Revistas con Referato (Todas ellas actualmente indexadas ISI)

1. Juan Dávila, Manuel del Pino, Ignacio Guerra. ***Non-uniqueness of positive ground states of non-linear Schrödinger equations***. Proc. Lond. Math. Soc. (3) 106 (2013), no. 2, 318-344.

2. Manuel del Pino, Michal Kowalczyk, Juncheng Wei. ***Traveling waves with multiple and nonconvex fronts for a bistable semilinear parabolic equation.*** Comm. Pure Appl. Math. 66 (2013), no. 4, 481-547.

3. Manuel del Pino, Michal Kowalczyk, Frank Pacard, ***Moduli space theory for the Allen-Cahn equation in the plane*** . Trans. Amer. Math. Soc. 365 (2013), no. 2, 721-766.

4. Manuel del Pino, Michal Kowalczyk, Juncheng Wei. *Entire solutions of the Allen-Cahn equation and complete embedded minimal surfaces of finite total curvature in R3*. J. Differential Geom. 93 (2013), no. 1, 67-132

5. Manuel del Pino, Michal Kowalczyk, Juncheng Wei. *On De Giorgi's conjecture and beyond.* Proc. Natl. Acad. Sci. USA 109 (2012), no. 18, 6845-6850.

6. Manuel del Pino, Monica Musso, Frank Pacard, Angela Pistoia. *Torus action on Sn and sign changing solutions for conformally invariant equations*. To appear in Annali Scuola Normale Superiore di Pisa.

7. Manuel del Pino, Monica Musso, Bernhard Ruf, *Beyond the Trudinger-Moser supremum.* Calc. Var. Partial Differential Equations 44 (2012), no. 3-4, 543-576.

8. M. del Pino, P. Esposito, M. Musso. *Nondegeneracy of entire solutions of a singular Liouville equation* Proc. Amer. Math. Soc. 140 (2012), no. 2, 581-588.

9. Manuel del Pino, Monica Musso, Frank Pacard*, Solutions of the Allen-Cahn equation invariant under screw-motion.* Manuscripta Math. 138 (2012), no. 3-4, 273-286.

10. Manuel del Pino, Michal Kowalczyk, Juncheng Wei. *On a conjecture by De Giorgi in dimension N>=9.* .Ann. of Math. (2) 174 (2011), no. 3, 1485-1569.

11. Manuel del Pino, Monica Musso, Frank Pacard, Angela Pistoia*. Large Energy Entire Solutions for the Yamabe Equation.* J. Differential Equations 251 (2011), no. 9, 2568-2597.

12. Manuel del Pino, Juncheng Wei. ***Solutions to the Allen Cahn Equation and Minimal Surfaces.*** Milan J. Math. 79 (2011), no. 1, 39-65.

13. Manuel del Pino, Michal Kowalczyk, Juncheng Wei. ***On a conjecture by De Giorgi in dimensions 9 and higher.*** Contemporary Mathematics 528 (2011), 115-136.

14. Juan Davila, Manuel del Pino, Monica Musso. ***Bistable boundary reactions in two dimensions.*** Archive for Rational Mechanics and Analysis, 200 (2011). 89-140.

15. Manuel del Pino, ***New Entire Solutions to Some Classical Semilinear Elliptic Problems.*** Proceedings of the International Congress of Mathematicians Hyderabad, India, 2010.

16. Manuel del Pino, Michal Kowalczyk, Juncheng Wei, ***The Jacobi-Toda system and foliated interfaces.*** Discrete Contin. Dyn. Syst. 28 (2010), no. 3, 975-1006.

17. Manuel del Pino, Michal Kowalczyk, Juncheng Wei, Jun Yang, ***Interface foliations of a positively curved manifold near a closed minimal submanifold***. Geometric and Functional Analysis 20 (2010), no. 4, 918–957.

18. J. Campos, M. del Pino, J. Dolbeault, ***Relative equilibria in continuous stellar dynamics***. Communications in Mathematical Physics 300 (2010), no. 3, 765—788.

19. Manuel del Pino, Pierpaolo Esposito, Monica Musso. ***Two-dimensional Euler flows with concentrated vorticities.*** Transactions of the American Mathematical Society 362 (2010), no. 12, 6381–6395.

20. Manuel del Pino, Monica Musso, Frank Pacard. ***Bubbling along geodesics near the second critical exponent.*** Journal of the European Mathematical Society (JEMS) 12 (2010), no. 6, 1553–1605.

21. M. del Pino, J. Dolbeault, S. Filippas, A. Tertikas *A logarithmic Hardy inequality* Journal of Functional Analysis 259 (2010) no 8, 2045-2072.

22. M. del Pino, M. Kowalczyk, F. Pacard, J.Wei. *The Toda system and multiple-end solutions of autonomous planar elliptic problems.* Advances in Mathematics 224 (2010) no. 4   1462-1516

23. M. del Pino, M. Musso, B. Ruf. *New solutions for Trudinger-Moser critical equations in R^2*. Journal of Functional Analysis   258 (2010), no. 2, 421-457.

24.   M. del Pino, M. Kowalczyk, F. Pacard and J. Wei*. Multiple-end solutions to the Allen-Cahn equation in R^2*.   Journal of Functional Analysis   258 (2010), no. 2, 421--457.

25.   M. del Pino, M. Kowalczyk, J. Wei., *The Jacobi-Toda system and foliated interfaces.* Discrete and Continuous Dynamical Systems 28 (2010), no. 3, 975--1006.

26.   Manuel del Pino, Michal Kowalczyk, Juncheng Wei., *Entire solutions of the Allen-Cahn equation and complete embedded minimal surfaces.* Revista Unión Matemática Argentina 50 (2009), no. 2, 95--107.

27.   Manuel del Pino, Michal Kowalczyk, Juncheng Wei. *A counterexample to a conjecture by De Giorgi in large dimensions.* C. R. Math. Acad. Sci. Paris 346 (2008), no. 23-24, 1261--1266.

28. Manuel del Pino, *Supercritical elliptic problems from a perturbation viewpoint*.   Discrete and Continuous Dynamical Systems 21 (2008), no. 1, 69--89.

29. Manuel del Pino, Michal Kowalczyk**. *Renormalized energy of interacting Ginzburg-Landu vortex filaments*. Journal of the London Mathematical Society (2) 77 (2008), no. 3, 647--665.

30. Manuel del Pino, Michal Kowalczyk, Juncheng Wei. *The Toda system and clustering interfaces in the Allen-Cahn equation*. Archive Rational Mechanics Analysis 190 (2008), no. 1, 141--187.

31. Juan Dávila, Manuel del Pino, Monica Musso, Juncheng Wei. *Fast and slow decay solutions for supercritical elliptic problems in exterior domains.* Calculus of Variations and Partial Differential Equations 32 (2008), no. 4, 453--480.

32.   Juan Dávila, Manuel del Pino, Monica Musso, Juncheng Wei. *Fast and slow decay solutions for supercritical elliptic problems in exterior domains* Calculus of Variations and Partial Differential Equations. 32, no. 4 (2008) 453--480.

33. Manuel del Pino, *Supercritical elliptic problems from a perturbation viewpoint.* Discrete and Continuous Dynamical Systems 21 (2008), no. 1, 69—89

34.   Panagiota Daskalopoulos, Manuel del Pino. *Type II blow-up for maximal solutions to the Ricci flow in $R2$*. Annales de l´Institut Henri Poincare (C) Non Linear Analysis Volume 24, Issue 6, (2007), 851-874

35. Manuel del Pino, Juncheng Wei. *Supercritical elliptic problems in domains with small holes*. Annales de l´Institut Henri Poincare (C) Non Linear Analysis, Volume 24, Issue 4, July-August 2007, 507-520

36. Manuel del Pino, Monica Musso, Frank Pacard. *Boundary singularities for weak solutions of semilinear elliptic problems*. Journal of Functional Analysis 253 (2007) 241–272.

37. Manuel del Pino, Ignacio Guerra. *Ground states of a prescribed mean curvature equation*. Journal of Differential Equations 241 112-129 (2007).

38. Manuel del Pino, Michal Kowalczyk, Juncheng Wei. *Concentration on curves for nonlinear Schrodinger equation*. Communications on Pure and Applied Mathematics 60, no. 1, 113-146 (2007)

39. Manuel del Pino, Michal Kowalczyk, Juncheng Wei**. *Resonance and interior layers in an inhomogeneous phase transition problem*. SIAM Journal Mathematical Analysis 38 no. 5, 1542--1564 (2007)

40. Juan Dávila, Manuel del Pino, Monica Musso. *The supercritical Lane-Emden-Fowler equation in exterior domains.* . Communications in Partial Differential Equations, 32: 1225–1243, 2007

41. Juan Dávila, Manuel del Pino, Monica Musso, Juncheng Wei. *Standing waves for supercritical nonlinear Schrödinger equations.*. Journal of Differential Equations 236 no. 1 (2007), 164-198.

42. Manuel del Pino, Andrés Contreras. *Nodal bubble-tower solutions to radial elliptic problems near criticality*. Discrete and Continuous Dynamical Systems 6 no. 3, 525--539 (2006)

43. Manuel del Pino, Juncheng Wei **. *Collapsing steady states of the Keller-Segel System*. Nonlinearity 19 661-684 (2006)

44. Manuel del Pino, Michal Kowalczyk, Monica Musso. *Variational reduction for Ginzburg-Landau vortices*. Journal of Functional Analysis 239 (2006), no. 2, 497--541

45. Manuel del Pino, Jean Dolbeault, Monica Musso. *Multiple bubbling for the exponential nonlinearity in the slightly supercritical case*. Communications on Pure and Applied Analysis 5 (2006), no. 3, 463--482

46. Manuel del Pino**. *Nonlinear elliptic problems above criticality*. Milan Journal of Mathematics 74 313--338 (2006)

47. Manuel del Pino, Claudio Muñoz. ***The two-dimensional Lazer-McKenna conjecture for an exponential nonlinearity***. Journal of Differential equations 231 no 1   108--134 (2006)

48. Juan Dávila, Manuel del Pino, Monica Musso, Juncheng Wei. ***Singular limits of a two-dimensional boundary value problem arising in corrosion modelling.*** . Archive for Rational Mechanics and Analysis 182 (2006) 181--221.

49. Juan Dávila, Manuel del Pino, Monica Musso. ***Concentrating solutions in a two-dimensional elliptic problem with exponential Neumann data***. Journal of Functional Analysis 227 (2005), no. 2, 430--490

50. Manuel del Pino, Michal Kowalczyk, Monica Musso. ***Singular limits in Liouville-type equations***. Calculus of Variations and PDE 24 (2005), no. 1, 47--81

51. Manuel del Pino, Monica Musso, Angela Pistoia. ***Super-critical boundary bubbling in a semilinear Neumann problem***. Annales de l'Institut Henri Poincaré, Analyse Nonlineaire 22 (2005), no. 1, 45--82

52. Manuel del Pino, Michal Kowalczyk, Juncheng Wei. ***Nonlinear Schrödinger equations: Concentration on weighted geodesics***. Comptes Rendus Academie des Sciences de Paris Series I, 341 (2005) Vol. 1, 223-228.

53.   Manuel del Pino, Jean Dolbeault, Monica Musso. ***A phase plane analysis of the "multi-bubbling" phenomenon in some slightly supercritical equations***. Monatsh. Math. 142 no. 1-2, 57--79 (2004).

54. Manuel del Pino, Jean Dolbeault, Monica Musso. ***Duality in sub-supercritical bubbling in the Brezis-Nirenberg problem near the critical exponent***. Contemporary Mathematics, 362, 339--350, (2004)

55. Manuel del Pino, Patricio Felmer, Michal Kowalczyk. ***Minimality and nondegeneracy of degree-one Ginzburg-Landau vortex as a Hardy´s type***

inequality. International. Mathematics Research Notices no. 30, 1511--1527 (2004)

56. Manuel del Pino, Jean Dolbeault, Ivan Gentil. ***Nonlinear diffusions, hypercontractivity and the optimal \$Lsp p\$-Euclidean logarithmic Sobolev inequality***. Journal of Mathematical Analysis and Applications 293 no. 2, 375--38 (2004),

57. Manuel del Pino, Jean Dolbeault, Monica Musso**. *The Brezis-Nirenberg problem near criticality in dimension 3***. J. Math. Pures Appl. (9) 83 (2004), no. 12, 1405--1456

58. Mónica Clapp, Manuel del Pino, Monica Musso**. *Multiple solutions for a non-homogeneous elliptic equation at the critical exponent***. Proceedings of the Royal Society of Edinburgh Sec. A, 134 (2004), no. 1, 69--87 .

59. Manuel del Pino, Jean Dolbeault. ***Asymptotic behavior of nonlinear diffusions***. Mathematics Research Letters 10 no. 4, 551-557 (2003).

60. Manuel del Pino, Jean Dolbeault. ***The optimal Euclidean \$Lsp p\$-Sobolev logarithmic inequality***. Journal of Functional Analysis 197 no. 1, 151--161 (2003)

61. Manuel del Pino, Michal Kowalczyk, Juncheng Wei **. *Multi-bump ground states of the Gierer-Meinhardt system in \$R^2\$***. Annales Institute H. Poincare Analyse Non Lineaire 20 no. 1, 53--85 (2003)

62. Amandine Aftalion, Manuel del Pino, René Letelier. ***Multiple boundary blow-up solutions for nonlinear elliptic equations***. Proceedings of the Royal Society of Edinburgh Sect. A 133 no. 2, 225--235 (2003)

63. Manuel del Pino, Jean Dolbeault, Monica Musso. ***"Bubble-tower" radial solutions in the slightly supercritical Brezis-Nirenberg problem.***. Journal of Differential Equations 193 (2003), no. 2, 280--306

64.   Manuel del Pino, Patricio Felmer, Monica Musso**. *Multi-bubble solutions for slightly super-critical elliptic problems in domains with symmetries*. Bull. London Math. Society 35 (2003), no. 4, 513--521

65.   Manuel del Pino, Patricio Felmer, Monica Musso**. *Two-bubble solutions in the super-critical Bahri-Coron´s problem*. Calculus of Variations and Partial Differential Equations 16 (2003), no. 2, 113--145

66.   Manuel del Pino, Jean Dolbeault **. *Best constants for Gagliardo-Nirenberg inequalities and application to nonlinear diffusions*. Journal de Mathematiques Pures et Appliquees (9) 81 no. 9, 847--875 (2002)

67. Manuel del Pino, Patricio Felmer, Michal Kowalczyk. ***Boundary spikes in the Gierer-Meinhardt system***. Communications on Pure and Applied Analysis 1 no. 4, 437--456 (2002)

68.   Carmen Cortázar, Manuel del Pino M, Manuel Elgueta. ***Uniqueness and stability of regional blow-up in a porous-medium equation***. Annales Institute Henri Poincare Analyse Non Lineaire 19   no. 6, 927--960 (2002)

69.   Manuel del Pino, Patricio Felmer, Monica Musso. ***Multi-peak solutions for super-critical elliptic problems in domains with small holes***. Journal of Differential Equations 182 (2002), no. 2, 511--540.

70. Manuel del Pino, Patricio Felmer, Kazunaga Tanaka. ***An elementary construction of complex patterns in nonlinear Schrödinger equations***. Nonlinearity 15 1653-1671 (2002).

71. Manuel del Pino, Patricio Felmer **. *Semi-classical states of nonlinear Schödinger equations: a variational reduction method*. Mathematische Annalen 324, no. 1, 1-32. (2002)

72. Manuel del Pino, César Flores**. *Asymptotics of Sobolev embeddings and singular perturbations for the p-Laplacian*. Proceedings of the American Mathematical Society 130 (2002), no. 10, 2931--2939

73. Manuel del Pino, Jean Dolbeault . *Nonlinear diffusions and optimal constants in Sobolev type inequatilties: asymptotic behaviour of equations involving the p-Laplacian*. Comptes Rendus Academie Sciences Paris 334 365-370 (2002)

74. Manuel del Pino, René Letelier. *The influence of domain geometry inboundary blow-up elliptic problems*. Nonlinear Analysis 48 (no. 6, 897-904 2002)

75. Panagiota Daskalopoulos, Manuel del Pino. *Nonradial solvability structure of super-diffusive nonlinear parabolic equations*. Transactions of the American Mathematical   Society   354   (2002),   no.   4,   1583--1599

76. Manuel del Pino, Mariel Sáez. *Asymptotic description of vanishing in a fast-diffusion equation with absorption.*. Differential and Integral Equations 15 (2002), no. 8, 1009--1023

77.   Manuel del Pino, Mariel Sáez. *On the extinction profile for solutions of $u_t = Delta\ u^{N+2 over\ N-2}$*. Indiana University Mathematics Journal 50 (2001), no. 1, 611--628.

78. Manuel del Pino, César Flores. *Asymptotic behavior of best constants and extremals for trace embeddings in expanding domains.*. Communications in Partial Differential Equations 26 (2001), no. 11-12, 2189-2210.

79. Manuel del Pino, Michal Kowalczyk, Xinfu Chen**. *The Gierer & Meinhardt system: the breaking of homoclinics and multi-bump ground states,*. Communications in Contemporary Mathematics 3 419-439 (2001).

80. Manuel del Pino, Patricio Felmer, Juncheng Wei. *On the role of distance function on certain elliptic singular perturbation problems*. Communications in Partial Differential Equations 25   p. 155-177 (2000).

81. Manuel del Pino, Manuel Felmer, Peter Sternberg. *Boundary concentration for eigenvalue problems related to the onset of superconductivity*. Communications in Mathematical Physics 210, 413-446 (2000).

82. Rodrigo Bamón, Isabel Flores, Manuel del Pino. *Ground States of Elliptic Equations: a geometric approach*. Annales Institute Henri Poincaré, Analyse Nonlineaire 17, 551-581, (2000).

83. Rodrigo Bamón, Isabel Flores, Manuel del Pino. *Positive solutions of elliptic equations in R^N$ with a super-subcritical nonlinearity*. Comptes Rendus Acad. Sci. Paris 330, p.187-191, (2000).

84. Manuel del Pino, Patricio Felmer, Juncheng Wei. *Multi-peak solutions for some singular perturbation problems*. Calculus of Variations and Partial Differential Equations 10, 119-134 (2000)

85. Carmen Cortázar, Manuel del Pino, Manuel Elgueta. *The problem of uniqueness of the limit in a semilinear heat equation*. Communications in Partial Differential Equations 24, 2147-2172 (1999)

86. Manuel del Pino, Pavel Drabek, Raúl Manásevich . *The Fredholm alternative at the first eigenvalue for the one dimensional p-Laplacian*. Journal of Differential Equations 151, 386-419, (1999)

87. Panagiota Daskalopoulos, Manuel del Pino . *On the Cauchy problem for […] in higher dimensions*. Mathematische Annalen 313, 189-206 (1999)

88.   Manuel del Pino, Patricio Felmer . *Spike-Layered Solutions of singularly perturbed elliptic problems in a degenerate setting*. Indiana University Mathematics Journal 48, 883-898 (1999)

89. Manuel del Pino, Patricio Felmer, Juncheng Wei**. *On the role of the mean curvature in some singularly perturbed Neumann problems*. SIAM Journal Mathematical Analysis. 31 no. 1, 63-79, (1999)

90. Manuel del Pino, Pavel Drabek, Raúl Manásevich. *The Fredholm alternative at the first eigenvalue for the one dimensional p-Laplacian*. C.R. Acad Sci Paris 327, Serie I, 461-465, (1998)

91. Carmen Cortázar, Manuel del Pino, Manuel Elgueta . *On the blow-up set for* […] Indiana Univ. Math. Journal, 47, p. 541-561 (1998)

92. Manuel del Pino, Patricio Felmer, Olimpio Miyagaki. *Existence of Positive Bound states of nonlinear Schrödinger Equations with saddle-like potential*. Nonlinear Analysis, 34, 979-989 (1998)

93. Manuel del Pino, Patricio Felmer . *Multi-peak bound states of nonlinear Schrödinger equations*. Annales Institute Henri Poincaré, Analyse Nonlineaire 15, p. 127-149 (1998)

94. Manuel del Pino, Patricio Felmer. *On the basic concentration estimate for the Ginzburg-Landau energy*. Differential and Integral Equations 11, No 5, p. 771-779, (1998).

95. Manuel del Pino, Patricio Felmer. *Semi-Classical States for Nonlinear Schrödinger Equations*. Journal of Functional Analysis, Vol. 149, no. 01 1997, 245-265.

96. Carmen Cortázar, Manuel del Pino, Manuel Elgueta. *On the short-time behavior of the free boundary of a porous medium equation*. Duke Mathematical Journal 87, p. 133-149 (1997)

97. Panagiota Daskalopoulos, Manuel del Pino . *On nonlinear parabolic equations of very fast diffusion*.
Archive for Rational Mechanics and Analysis 137 p. 363-380 (1997).

98. Manuel del Pino, Patricio Felmer . *Local minimizers of the Ginzburg-Landau Energy*. Mathematische Zeitschrift 225, 671-684 (1997).

99. Stanley Alama, Manuel del Pino**. *Solutions of elliptic equations with indefinite nonlinearities via Morse theory and linking*. Ann. Inst. H. Poincaré, Analyse Nonlineaire 13 95-115 (1996).

100. Manuel del Pino, Patricio Felmer . *Local mountain passes for semilinear elliptic problems in unbounded domains.*. Calculus of Variations and Partial Differential Equations 4, p. 121-137 (1996).

101. Manuel del Pino, Patricio Felmer . *Least energy solutions to semilinear elliptic equations in unbounded domains.*. Proc. Roy. Soc. Edinburgh 126A 195-208, (1996).

102. Manuel del Pino, Gastón Hernández . *Solvability of the Neumann problem in a ball for* […] Journal of Differential Equations 124, (1996).

103. Panagiota Daskalopulos, Manuel del Pino. *On a Singular Diffusion Equation*. Communications in Analysis and Geometry 3, p. 523-542 (1995).

104. Manuel del Pino, Patricio Felmer . *Locally energy minimizing solutions of the Ginzburg-Landau system.*. Comptes Rendus Acad. Sci. Paris 321, p. 1207-1211 (1995).

105. Patricio Felmer, Manuel del Pino . *Mutiple solutions for a semilinear elliptic equation.* Transactions of the American Mathematical Society 347, p. 4839-4853 (1995).

106. Manuel del Pino, Raúl Manásevich . *T-Periodic solutions for a second order system with singular nonlinearity.*. Differential and Integral Equations 8 p. 1873-1883 (1995).

107. Manuel del Pino. *Nonexistence of signed solutions for a semilinear elliptic problem.*. Differential and Integral Equations 8 p. 1259-1263 (1995).

108. Manuel del Pino. *Radially symmetric internal layers in a semilinear elliptic system.* Transactions of the American Mathematical Society 347, p. 4807-4837 (1995).

109. Panagiota Daskalopoulos, Manuel del Pino. *On fast diffusion nonlinear heat equations and a related singular elliptic problem.*. Indiana University Mathematics Journal 43 p. 703-727 (1994).

110. Manuel del Pino . *A priori estimates and applications to existence-nonexistence for a semilinear elliptic system.*. Indiana Univ. Math. Journal 43 p.77-129,(1994).

111. Manuel del Pino . *Positive solutions of a semilinear elliptic equation on a compact manifold.*. Nonlinear Analysis 22, p. 1423-1430 (1994).

112. Manuel del Pino, Raúl Manásevich . *Infinitely many T-periodic solutions for a problem arising in Nonlinear Elasticity*. Journal of Differential Equations 103, p. 260-277, (1993).

113. Manuel del Pino . *A global estimate for the gradient in a singular elliptic boundary value problem.*. Proceedings of the Royal Society of Edinburgh 122A, p. 341-352, (1992).

114. Manuel del Pino **. *Layers with nonsmooth interface in a semilinear elliptic problem.*.** Communications in Partial Differential Equations 17, p. 1695-1708, (1992).

115. Manuel del Pino, Raúl Manásevich, Alberto Montero. ***T-periodic solutions for some second order differential equations with singularities.*.** Proceedings of the Royal Society of Edinburgh, 120A, p. 231-243, (1992).

116. Manuel del Pino, Raúl Manásevich, Alejandro Murúa. ***Periodic solutions of prescribed period for a second order quasilinear problem.*.** Nonlinear Analysis 18, p. 79-92, (1992).

117. Manuel del Pino, Raúl Manásevich, Alejandro Murúa. ***On the number of $2pi$ periodic solutions for*** […] ***using the Poincare-Birkhoff Theorem.*.** Journal of Differential Equations 95, p. 240-258, (1992).

118. Manuel del Pino, Raúl Manásevich. ***Existence for a fourth-order boundary value problem under a two-parameter nonresonance condition.*.** Proceedings of the American Mathematical Society 112, p. 131-138, (1991).

119. Manuel del Pino, Raúl Manásevich. ***Global bifurcation from the eigenvalues of the p-Laplacian.*.** Journal of Differential Equations 92, p. 226-251, (1991)

120. Manuel del Pino, Raúl Manásevich . ***Multiple solutions for the p-Laplacian under global nonresonance.*.** Proceedings of the American Mathematical Society, 112, p.131-138, (1991).

121. Manuel del Pino, Manuel Elgueta, Raúl Manásevich**. *Generalizing Hartman´s oscillation result for*** […] Houston J. of Math. 17, 63-70, (1991).

122. Manuel del Pino, Manuel Elgueta, Raúl Manásevich . ***A homotopic deformation along p of a Leray-Schauder degree result and existence for***. […] Journal of Differential Equations 80, p. 1-13, (1989).

123. Manuel del Pino, Raúl Manásevich . ***Oscillation and non-oscillation for the equation*** […] Houston Journal of Mathematics 14, p. 173-177, (1988).

VII.2 Capítulos de Libros y Otras Publicaciones

124. Manuel del Pino, Monica Musso. ***Bubbling in Nonlinear Elliptic Problems Near Criticality***. Handbook of Differential Equations, Stationary Partial Differential Equations, Vol. 3 215—316 (2006).

125. Manuel del Pino, Monica Musso**. *Bubbling and criticality in two and higher dimensions***. Recent advances in elliptic and parabolic problems, 41--59, World Sci. Publ., Hackensack, NJ, 2005.

126. Manuel del Pino, Monica Musso. ***Super-critical bubbling in elliptic boundary value problems***. Variational problems and related topics (Kyoto, 2002). Surik. Kokyuroku No. 1307 85—108. (2003).

127. Manuel del Pino, Patricio Felmer, Monica Musso. ***Spike patterns in the super-critical Bahri-Coron problem.***. Variational and topological methods in the study of nonlinear phenomena (Pisa, 2000), 89--103, Progr. Nonlinear Differential Equations Appl., 49, Birkhäuser Boston, Boston, MA, 2002.

128. Carlos Conca, Manuel del Pino, Patricio Felmer, and Raul Manasevich (Editors) ***Current Developments in PDE.*** Discrete and Continuous Dynamical Systems - Series A Volume: 8, Number: 2, April 2002   (A Special Issue).

129. Manuel del Pino, Carmen Cortázar, Manuel Elgueta**. *Description of regional blow-up in a porous-medium equation***. Electron. J. Differ. Equ. Conf., 8, Southwest Texas State Univ., San Marcos, TX, 2002.

130. Manuel del Pino, Patricio Felmer. ***Localizing spike-layer patterns in singularly perturbed elliptic problems***. Proceedings of the International Conference on Asymptotics in Nonlinear Diffusive Systems (Sendai, 1997), 35--42, Tohoku Math. Publ., 8, Tohoku Univ., Sendai, 1998

131. Panagiota Daskalopoulos, Manuel del Pino**. *Recent progress on super-diffusive nonlinear parabolic problems***. Reaction diffusion systems (Trieste, 1995), 107--119, Lecture Notes in Pure and Appl. Math., 194, Dekker, New York, 1998.

132. Manuel del Pino, Raúl Manásevich. ***Some nonlinear Sturmian theory for*** […] Differential equations (Xanthi, 1987), 183--190, Lecture Notes in Pure and Appl. Math., 118, Dekker, New York, 1989.

VIII Lista de ponencias invitadas en Conferencias y Seminarios (se incluyen eventos a realizarse)

1. *Recent developments of nonlinear PDEs* Australian National University, Canberra, November 25-29, 2013 (Main Speaker).
2. *Workshop on Nonlinear PDE and Calculus of Variations.* Chern Institute, Nankai University, Beijing, Septiembre 2013 (Main speaker).
3. *Conference on Qualitative and Geometric Aspects of Elliptic PDEs.* CRM Barcelona, Septiembre 2013 (Main Speaker).
4. *Recent Advances in Nonlinear Partial Differential Equations.* Courant Institute, New York Mayo 20-22 2013 (Main Speaker).
5. *Seminario di Analisi,* Univ. de Torino, Febrero 2013.
6. *Lecture Series on Singular Perturbation Problems.* Univ. Roma III, Diciembre 2012.
7. Conference *Topics in Nonlinear PDE* (lecture series) POSTECH, Korea Septiembre 25-28 2012
8. Workshop *Recent trends in geometric and nonlinear analysis* BIRS Station, Banff, Canada, August 5-10 2012.
9. Workshop *Calculus of Variations* MFO, Oberwolfach, Germany, Julio 22-28 2012
10. Workshop *Frontiers of Mathematics and Applications III* , Santander, España, Agosto 13-17 2012
11. Conference *Nonlinear Differential Equations on the occasion of the 60th birthday of Bernhard Ruf*, Joao Pessoa, Brazil September 17-21 2012. (Main speaker)
12. Conference *Trends in Mathematical Analysis,* Politecnico di Milano, March 1-3, 2012 (Main Speaker).
13. *Cocompact Imbeddings, Profile Decompositions and their Applications to*

PDE Tata Institute for Fundamental Research (ICTS-TIFR), Bangalore, India, January 5-11 2012.

14. Conference *Trends in Mathematical Analysis,* Politecnico di Milano Marzo 1-3, 2012 (Main Speaker).

15. *Cocompact Imbeddings, Profile Decompositions and their Applications to PDE* in the framework of the International Centre for Theoretical Sciences of the Tata Institute for Fundamental Research (ICTS-TIFR), India, Enero 5-11 2012.

16. *The Sixth International Conference on Differential and Functional Differential Equations*, Moscow, Russia, Agosto 14-21, 2011. (Plenary speaker).

17. *Fabes lectures 2011, Conference of Real Analysis and PDEs,* Buenos Aires, Argentina, Mayo 30, 31 and Junio 1, 2011. (Main Speaker)

18. *Workshop on Nonlinear Differential Equations* Pienza, Italy, Noviembre 7-11, 2011.

19. *Conference: The Croucher Foundation Advanced Study Institute Recent Development in Nonlinear Partial Differential Equations: Part I* (Lecture Series), Hong Kong, Feb. 28 to Marzo 4 2011.

20. *PDE Seminar at Universidad Autónoma de Madrid,* Enero 2011.

21. *First Sino-Chilean conference on nonlinear elliptic and parabolic problems,* Wuhan China, Diciembre 2010.

22. *PDE Seminar at Universitá di Milano*, Diciembre 2010.

23. *PDE Seminar at Université de Marseille*, Diciembre 2010

24. *Conference On Nonlinear PDE's* Octubre. 5-8, 2010, POSTECH, Korea. (Invited Speaker)

25. *Conference Nonlinear Differential Equations,* Riemann International School of Mathematics, Verbania (Italy) Septiembre 26 - Octubre 1, 2010 (Plenary Speaker).

26. *International Congress of Mathematicians, ICM,* Agosto 21-27, 2010, Hyderabad, India (Invited Speaker to a 45-minute address) .

27. *Workshop "Deterministic and stochastic front propagation".* Banff International Research Station Mar 21 - Mar 26, 2010, Banff, Canada. (Invited Speaker).

28. *Workshop "Optimal Constants in the Theory of Sobolev Spaces and PDEs",* Febrero 7th - Febrero 13th, 2010. Oberwolfach, Germany. (Invited Speaker).

29. *Variational and Topological Methods in Nonlinear Analysis. Dedicated to the 60th birthday of Vieri Benci* Septiembre 24-26 2009, San Antonio, USA. (Invited Speaker).

30. *3rd CLAM Latin American Congress of Mathematicians.* Agosto 31 - Septiembre 4, 2009 Santiago, Chile. (Plenary Speaker).

31. *Indam School on symmetry for elliptic PDEs 30 years after a conjecture of De Giorgi and related problems.* Mayo 25-29, 2009, Rome, Italy (lecture series)

32. *6th European Conference in Elliptic and Parabolic Problems*, Mayo 25-29 2009, Gaeta, Italy. (Plenary Speaker)

33. *Topological and Variational Methods for Partial Differential Equations*, Mayo 17-23, 2009, Oberwolfach, Germany. (Invited Speaker).

34. *Seminar of Analysis and Geometry,*   Columbia University, Diciembre 2008, USA.

35. *Lecture Series at Dipartimento di Matematica Universitá delle Marche*, Diciembre 2008, Ancona, Italy.

36. *Colloquium Dipartimento di Matematica Politecnico di Torino*, Diciembre. 2008, Turín, Italia.

37. *VII Workshop in Nonlinear Differential Equations Brazil-Italy*, Septiembre 15-19 2008, Rio de Janeiro. (Plenary Speaker).

38. *Colloquium Departamento de Matemática U. Nacional de Medellín*, Agosto 2008, Medellín, Colombia.

39. *CIMPA- UNESCO Argentina School 2008: Real Analysis and its Applications*, Mayo 2008, La Falda, Córdoba (Invited Speaker).

40. *Variational Methods for Nonlinear PDE and their Applications*, Marzo, 2008, Technion, Haifa, (Invited Speaker).

41. *2007 CBMS/NSF Conference. On Finite Morse Index Solutions and Related Topics*. Diciembre 2007. University of Texas at San Antonio. (Invited Speaker).

42. *Applied Mathematics Seminar, George Washington University,* Diciembre 2007.

43. *Seminario de Ecuaciones*, Universidad Autónoma de Madrid, Noviembre 2007.

44. *2nd Workshop on elliptic and parabolic PDE´S, Celebrating The 60th birthday of Manuel Elgueta*, Santiago, Septiembre 2007 (Invited Speaker).

45. *Loss of compactness in nonlinear PDE: Recent trends*, Agosto 26-31, 2007, BIRS Station, Banff, Canada (Invited Speaker).

46. *VII Americas School in Differential Equations*, Julio 23- 27, 2007, Cartagena, Colombia. (Plenary Speaker).

47. *US-Chile Workshops: New Developments in Partial Differential Equations I*, Mayo 2007, CNA, Carnegie Mellon University (Invited Speaker).

48. *Some Topics in Nonlinear Analysis and Applications to Partial Differential Equations: .A celebration of Norman Dancer´s 60th Birthday*. Rome, Febrero 2007. (Invited Speaker).

49. *Seminaire Analyse Nonlineaire* CEREMADE-Univerity of Paris IX, Paris, Diciembre 2006.

50. *Workshop on Singularities in PDE and the Calculus of Variations*, Montreal, Canada, Julio 2006. (Invited Speaker)

51. *6th East Asia Conference on Partial Differential Equations*, Wuhan, China, Mayo 2006 (Plenary Speaker).

52. *IX Jornadas de Matemática, Zona Sur,* Puyehue, Chile, Abril 2006 (Plenary Speaker)

53. *International congress of applied mathematics* 2006, Santiago, Marzo 2006 (Plenary Speaker).

54. *Seminario Matematico e Fisico di Milano,* Università di Milano, Febrero 2006.

55. *Seminario di Equazioni Differenziali e Calcolo delle Variazioni*. Università di Roma I, Febrero 2006.

56. *Topological and variational methods in partial differential equations*, Guanajuato, Mexico, Diciembre 2005. (Plenary Speaker).

57. *III International Symposium on Nonlinear Equations and Free Boundary Problems*, Buenos Aires Julio 2005 (Invited Speaker).

58. *Séminaire d´analyse non lineaire de Paris VI,* University of Paris VI, Febrero 2005.

59. *Seminario di Equazioni Differenziali e Calcolo delle Variazioni.*University of Roma I, Febrero 2005. Dipartimento di Metodi e Modelli Matematici,

60. *PDE Seminar, Chinese University of Hong-Kong*, Febrero 2005.

61. *Coloquio Departamento Ingeniería Matemática*, Universidad de Concepción, Septiembre 2004.

62. *PDE Seminar Chinese University of Hong-Kong*, Febrero 2004.

63. *Analysis Seminar Academia Sinica,* Taipei, Febrero 2004.

64. *Special PDE Seminar Chung-Cheng University*, Taiwan, Febrero 2004.

65. *International Conference on Elliptic and Parabolic problems: recent advances.* National Center for Theoretical Sciences, Hsinchu, Taiwan,Febrero 2004.

66. *Seminario Dipartimento di matematica* applicata Universita di Pisa , Pisa, Enero 2004.

67. University of Roma I, Dipartimento di Metodi e Modelli Matematici, Febrero 2004.

68. *Seminario di Equazioni Differenziali e Calcolo delle Variazioni* Universita di Roma La Sapienza, Enero 2004.

69. *Fourth Turin Fortnight on Nonlinear Analysis* Short Course, Università di Torino, Septiembre 2003.

70. *Panamerican Institute of Advanced studies (PASI) workshop in PDE,* Santiago, Enero 2003 (Plenary Talk)

71. *Seminario del Dipartimento di Matematica,* Universita di Torino, Turin, Italy, Noviembre 2002.

72. *Thematic Programme on Nonlinear Analysis and Differential Equations* Short course, Universita di Milano Bicocca,Milan, Italy Noviembre 2002.

73. *Conference Relativistic quantum Coulomb systems*, Santiago, Chile, Agosto 2002.

74. *Colloquium Mathematics Department* Tokyo Metropolitan University, Japan, Junio 2002.

75. *Conference Variational Methods and Related Topics* Research Institute for Mathematical Sciences, Kyoto University,Japan, Junio 2002.

76. Universita di Roma-La Sapienza, Roma, Italy, Febrero 2002.

77. *Seminario di Analisi Nonlineare,* SISSA, Trieste, Italy, Febrero 2002.

78. Seminario Dipartimento Matematica Aplicata Universita di Pisa, Italy, Febrero 2002.

79. *Seminario di Analisi*, Politecnico de Torino. Turin, Noviembre 2002.

80. *Encuentro de la Sociedad de Matemática de Chile* (Cursillo) ,Talca, Chile, Octubre 2001.

81. Colloquium Mathematics Department, Kent State University Kent, USA, Septiembre 2001.

82. *Workshop in Nonlinear Partial Differential Equations* Bergamo, Italy, Julio 2001.

83. *Jornadas de Matemática de la Zona Sur,* Concepción, Abril 2001.

84. *Seminario Dipartimento di Matematica,* University of Roma I, Roma, Febrero 2001.

85. *Seminario di Analisi,* Politecnico de Torino. Turin, Febrero 2001.

86. *Seminaire EDP* Univerity of Paris IX, Paris, Febrero 2001.

87. Lecture at Special Session: *First joint meeting American Mathematical Society* Hong-Kong Mathematical Society, Baptist University of Hong Kong, Enero 2000.

88. *Nonlinear Partial Differential Equations*, Isaac Newton Institute for Mathematical Sciences, University of Cambridge, Junio 2001.

89. *Conference Free boundary problems and Partial differential equations*. Buenos Aires, Julio 2000.

90. Seminario EDP Universidad Federal de Campinas, UNICAMP, Brasil, Septiembre 2000.

91. Conference *Topological deffects in Ginzburg-Landau functionals*. Lorentz Institute, Leiden, Holanda, Marzo 2000.

92. *Seminaire d´Analyse Nonlineaire* Université de Paris VI, Marzo 2000

93. Conference Nonlinear *Analysis and Calculus of Variations: In honor of Antonio Marino*. Università di Pisa, Febrero 2000.

94. Plenary Lecture at *USA-Chile meeting in Nonlinear Analysis*, Viña del Mar, Enero 2000.

95. Plenary Lecture at *Institute for Mathematical Sciences Workshop on Reaction-Diffusion Systems*, The Chinese University of Hong-Kong, Diciembre 1999.

96. Analysis-PDE Seminar, University of Washington, Seattle, Febrero 1999.

97. Short course at Second School on Nonlinear Analysis and Applications to Differential Equations , ICTP, Trieste, Octubre 199

98. Seminaire EDP, Université Libre de Bruxelles, Octubre 1998.

99. Analysis Seminar, University of Southern California, Los Angeles, Marzo 1998.

100. Analysis Seminar, University of California, Los Angeles, Marzo 1998.

101. PDE Seminar, Carnegie-Mellon University, Pittsburgh, Enero 1998.

102. PDE Seminar Department of Mathematics, Indiana University , Bloomington, Octubre 1997.

103. Lecture at Special Session AMS regional conference, Milwaukee, Octubre 1997.

104. Conference Asymptotics in Nonlinear Diffusive Systems , Sendai, Japón, Julio 1997

105. *Seminaire EDP,* Université de Paris-Dauphine, Paris, Febrero 1997

106. *PDE Seminar* University of Minnesota, Minneapolis, Enero 1997

107. *Seminario IIMAS*, Universidad Nac. Autónoma de Mexico, Junio 1996

108. *Analysis Seminar*, University of California, Irvine, Febrero 1996.

109. *Calderon-Zygmund Seminar*, The University of Chicago, Chicago, Enero 1996

110. *Conference Reaction-Diffusion Systems* , Trieste, Italia, Octubre 1995

111. Lecture at Special Session in *AMS Conference on Dynamical Systems*. U. of Missouri, Columbia, Junio 1995.

112. *PDE Seminar*, University of Wisconsin, Madison, Marzo 1995.

113. PDE Seminar Northwestern University, Evanston, Marzo 1995.

114. *Free boundaries and Partial Differential Equations,* Buenos Aires, Agosto 1994.

115. Colloquium Mathematics Department McMaster University, Hamilton, Canada, Noviembre 1993.

116. *Midwest Partial Differential Equations Conference*, University of Chicago, Octubre 1993.

117. *Analysis Seminar* University of Connecticut, Storrs,   Marzo 1993.

118. Special Session Lecture at Mississippi State conference on differential equations and computational simulations, Mississippi State, Marzo 1993.

119. *Applied Mathematics Seminar* Brigham Young University, Provo, Utah, Febrero 1993.

120. *PDE Seminar* Institute for Advanced Study, Princeton, Octubre 1992.

121. *Colloquium* Department of Mathematics University of Notre Dame, Enero 1992.