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Date of Birth: 16 July 1960

EDUCATION

- Mar 1988 PHD IN MATHEMATICS, Universidad Autónoma de Madrid (UAM), Spain
 Thesis advisor: Antonio Córdoba Barba
 July 1982 BACHELOR IN MATHEMATICS, Universidad Complutense de Madrid, Spain

ACADEMIC EXPERIENCE

- 1982–1988 Teaching Assistant (10-1-82/3-10-88) and Assistant Professor (3-11-88/ 9-30-88), UAM
 1988–1990 L.E. Dickson Instructor (10-1-88/12-31-90), University of Chicago, Chicago, USA
 1990–1993 Assistant Professor (10-1-90/5-10-91) and Associate Professor (5-11-91/10-11-93), UAM
 1993– Associate Professor (3-1-93/1-1-95) and Full Professor (1-2-95/–), UPV/EHU
 2000–2008 Visiting Professor, University of California, Santa Barbara, USA (July 2000, March-June 2001, June-July 2002, June-July 2004, June-July 2006, June-July 2008)

VISITING POSITIONS

- April 1988 Member of the Mathematical Sciences Research Institute, Berkeley, California, USA
 Aug–Sept 1997 Member of the Mathematical Sciences Research Institute, Berkeley, California, USA
 April 1999 Visiting Professor, École Normale Supérieure, Paris, France
 April 2000 Visiting Professor, École Normale Supérieure, Paris, France
 Dec 2000 Visiting Professor, Université Cergy-Pontoise, Paris, France
 July 2003 Visiting Professor, University of Washington, Seattle, USA
 May 2004 Visiting Professor, Université Paris XII, Paris, France
 Jan-June 2004 Member of the Institute for Advanced Study, Princeton, New Jersey, USA
 May 2005 Visiting Professor, Université Paris XIII, Paris, France
 Dec 2005 Member of the Mathematical Sciences Research Institute, Berkeley, California, USA
 July 2006 Member of the Centro di Ricerca Matematica Ennio di Giorgi, Pisa, Italy
 May 2007 Visiting Professor, Université Cergy-Pontoise, Paris, France
 Feb 2008 Member of the Institute Henri Poincaré Paris, France
 May 2009 Member of the Institute Henri Poincaré Paris, France
 March 2010 Member of the Centro di Ricerca Matematica Ennio di Giorgi, Pisa, Italy
 May 2011 Visiting Professor, École Polytechnique, Paris, France
 Feb 2012 Visiting Professor, Università di Pisa, Italy
 March 2012 Visiting Professor, Université d'Evry, Paris, France
 May 2012 Visiting Professor, Università di Pisa, Italy
 April 2013 Visiting Professor, Université Cergy-Pontoise, Paris, France

PROFESSIONAL ACTIVITIES

- EDITOR of Journal of Evolution Equations since 2009
- EDITOR of Journal of Fourier Analysis and its Applications since 2010
- GENERAL EDITOR of La Revista Matemática Iberoamericana since 2011
- Seven PHD students and supervisor of more than 10 post-doctorals researchers
- DIRECTOR of the Master and PHD Program of UPV/EHU since 2005
- DIRECTOR of the Research Unit on Mathematics and Applications, UPV/EHU (<http://www.ehu.es/ufimathematics>), 48 researchers
- DIRECTOR of the Department of Quantitative Biomedicine, Biocruces (<http://www.biocruces.com>), Hospital Universitario de Cruces, Baracaldo, Spain

AWARDS & MERITS

- Premio Euskadi de Investigación 2012.
- Highly Cited Researcher, ISI Web of Science. 2993 citations; h-index 25 (MathScinet), 114 papers.
- Fellow of the American Mathematical Society.
- Invited speaker ICM 2006.
- Iberdrola Grant (1997)

RELEVANT PUBLICATIONS

- Vega, L. “Schrödinger equations: pointwise convergence to the initial data”, *Proc. Amer. Math. Soc.* **102** (1988), no. 4, 874–878.
- Carbery, A.; Rubio de Francia, J.L.; Vega, L. “Almost everywhere summability of Fourier integrals”, *J. London Math. Soc. (2)* **38** (1988), no. 3, 513–524.
- Kenig, C.E.; Ponce, G.; Vega, L. “Oscillatory integrals and regularity of dispersive equations.”, *Indiana Univ. Math. J.* **40** (1991), no. 1, 33–69.
- Kenig, C.E.; Ponce, G.; Vega, L. “Well-posedness and scattering results for the generalized Korteweg-de Vries equation via the contraction principle”, *Comm. Pure Appl. Math.* **46** (1993), no. 4, 527–620.
- Kenig, C.E.; Ponce, G.; Vega, L. “The Cauchy problem for the Korteweg-de Vries equation in Sobolev spaces of negative indices.”, *Duke Math. J.* **71** (1993), no. 1, 1–21.
- Ruiz, A.; Vega, L. “Local regularity of solutions to wave equations with time-dependent potentials”, *Duke Math. J.* **76** (1994), no. 3, 913–940.
- Kenig, C.E.; Ponce, G.; Vega, L. “A bilinear estimate with applications to the KdV equation”, *J. Amer. Math. Soc.* **9** (1996), no. 2, 573–603.
- Barceló, J.A.; Ruiz, A.; Vega, L. “Weighted estimates for the Helmholtz equation and some applications”, *J. Funct. Anal.* **150** (1997), no. 2, 356–382.
- Tao, T.; Vargas, A.; Vega, L. “A bilinear approach to the restriction and Keakeya conjectures”, *J. Amer. Math. Soc.* **11** (1998), no. 4, 967–1000.
- Kenig, C.E.; Ponce, G.; Vega, L. “Smoothing effects and local existence theory for the generalized nonlinear Schrödinger equations”, *Invent. Math.* **134** (1998), no. 3, 489–545.
- Merle, F.; Vega, L. “Compactness at blow-up time for L^2 solutions of the critical nonlinear Schrödinger equation in 2D”, *Internat. Math. Res. Notices* (1998), no. 8, 399–425.
- Moyua, A.; Vargas, A.; Vega, L. “Restriction theorems and maximal operators related to oscillatory integrals in \mathbb{R}^3 ”, *Duke Math. J.* **96** (1999), no. 3, 547–574.
- Kenig, C.E.; Ponce, G.; Vega, L. “On the interaction of nearly parallel vortex filaments.”, *Comm. Math. Phys.* **243** (2003), no. 3, 471–483.
- Kenig, C.E.; Ponce, G.; Vega, L. “The Cauchy problem for quasi-linear Schrödinger equations. ”, *Invent. Math.* **158** (2004), no. 2, 343–388.
- Kenig, C.E.; Ponce, G.; Rolving, C*; Vega, L. “Variable coefficient Schrödinger flows for ultrahyperbolic operators.”, *Adv. Math.* **196** (2005), no. 2, 373–486.
- Vega, L.; Visciglia, N. “Asymptotic lower bounds for a class of Schrödinger equations. ”, *Comm. Math. Phys.* **279** (2008), no. 2, 429–453.
- Planchon, F.; Vega, L. “Bilinear virial identities and applications. ”, *Ann. Sci. c. Norm. Supr.* **(4) 42** (2009), no. 2, 261–290.
- Escauriaza, L.; Kenig, C.E.; Ponce, G.; Vega, L. “The sharp Hardy uncertainty principle for Schrödinger evolutions. ”, *Duke Math. J.* **155** (2010), no. 1, 163–187.
- Escauriaza, L.; Kenig, C.E.; Ponce, G.; Vega, L. “Uniqueness properties of solutions to Schrödinger equations. ”, *Bull. Amer. Math. Soc.* **49** (2012), no. 3, 415–442.
- Banica, V.; Vega, L. “Scattering for 1D cubic NLS and singular vortex dynamics. ”, *J. Eur. Math. Soc.* **14** (2012), no. 1, 209–253.

FUNDING ID

Currently PI of two grants:

- MTM Spanish Government Program. 2012–2014. Funding 198319 €. 15 researches. The PI dedication could be finished at the end of 2013.
- GIC Basque Government Program. 2013–2018. Funding 420520 €. 18 researchers. The renovation of this project has been submitted.