

# Carlos Hervés-Beloso

Date of Birth: June 1, 1953.  
Citizenship: Spanish  
Email: [cherves@uvigo.es](mailto:cherves@uvigo.es)  
Homepage: [webs.uvigo.es/cherves](http://webs.uvigo.es/cherves)

Telephone: +34 986812446  
Address: Facultad de Económicas.  
Campus Universitario, Universidad de Vigo.  
E-36310. Vigo (Spain)

## Education

B.S. in Mathematics,  
Universidad de Santiago de Compostela, 1975.  
The Highest Bachelor Award (Award with Special Distinction).

Ph.D. in Mathematics,  
Université Nancy (France) and Universidad de Santiago de Compostela (Spain), 1975-1979.  
Award with Special Distinction.

## Professional Appointments

Full Professor of Mathematics, Universidad de Vigo, since August 1989.  
Chairman, Department of Mathematics, Universidad de Vigo, 1996-1999.  
Full Professor, Department of Economics, Universidad Carlos III de Madrid, 1990-1995.  
Chairman, Department of Economics, Universidad Carlos III de Madrid, 1993-1995.  
Visiting Scholar, Department of Economics, Harvard University, September-December 1989.  
Associate Professor of Mathematics, Universidad de Santiago de Compostela, 1982-1989.  
Visiting Scholar, Trinity College and University College (Dublin), 1979-1980.  
Visiting Scholar, Universit Nancy (France), 1977-78.  
Assistant Professor, Department of Mathematics, University of Santiago de Compostela, 1975-1982.

## Positions in Professional Organizations

Editorial Board, *Economic Theory*, 2004-present.  
Editorial Board, *Journal of Mathematical Economics*, 2006 - 2010 and 2013-present.  
Editorial Board, *Economic Theory Bulletin*, 2012-present.  
Editorial Board, *Journal of Dynamics and Games*, 2015-present.

Fellow of the Society for the Advancement of Economic Theory, (2011).  
Fellow of the Asociación Española de Economía, (2012).

## Research Interests

Mathematical Economics, General Equilibrium Theory, Game Theory

## Articles in Journals

Endogenous differential information. *Economic Theory*. DOI 10.1007/s00199-015-0924-5 (Whit S. Cea Echenique and J.P. Torres-Martinez).

A fixed point theorem and equilibria of abstract economies with w-upper semicontinuous set-valued maps. DOI 10.1007/s10957-014-0548-0. *Journal of Optimization Theory and Applications* (2014), Vol. 163, Issue 3, pp 719-7364. (With M. Patriche).

Irrelevance of private information in two-period economies with more goods than states of nature. DOI 10.1007/500199-013-0755-1, *Economic Theory*, (2014), Vol. 55, Issue 2, pp. 439-455. (Whit J. Correia-da- Silva).

Information and Size of coalitions. DOI 10.1007/s00199-013-0770-2. *Economic Theory*, (2014), Vol 55, Issue 3, pp. 545-563, (With C. Meo and E. Moreno-García).

Information and Sigma-Algebras. *Economic Theory*, (2013), Volume 54, Issue 2, pp. 405-418. (With P. K. Monteiro)

Walrasian Prices in Markets with Tradable Rights. *Economic Theory*, (2012), Vol. 49, No. 2, pp. 497-512. (With F. Martínez and J. Rivera)

General equilibrium with uncertain delivery. *Economic Theory*, (2012), pp. 51:729-755. (With J. Correia-da- Silva)

Equilibrium Price Formation in Markets with Differentially Informed Agents. *Economic Theory*, (2011), Vol. 48, No. 1, pp. 205-218. (With M. Faias and E. Moreno-García)

Strictly Monotonic Preferences on Continuum of Goods Commodity Spaces. *Journal of Mathematical Economics*, (2010), Volume 16, Issue 5, Pgs. 725-727. (With Paulo K. Monteiro)

Las Matemáticas en el reparto de la tarta. *Matematicalia, Economía* (2009), Vol. 5, n 2.

Equilibrium theory with asymmetric information and infinitely many states. *Economic Theory*, (2009), 38, pp. 295-320. (With V.F. Martins-da-Rocha and P.K. Monteiro).

Walrasian Analysis via Two-Player Games. *Games and Economic. Behavior*, (2009), 65, pp. 220-233. (With E. Moreno-García).

Prudent Expectations Equilibrium in Economies with Uncertain Delivery. *Economic Theory*, (2009), 39, pp. 67-92. (With J. Correia-da-Silva).

A market game approach to differential information economies. *Economic Theory*, (2009), 38, pp. 321-330. (With Guadalupe Fugaloras, Emma Moreno-García and Juan Pable Torres-Martínez).

Large economies and two-player games. *Journal of Mathematical Economics*, (2009), 45, 603-608. (With E. Moreno-García).

Symposium on: equilibria with asymmetric information. *Economic Theory* (2009) 38, pp. 217-219. DOI 10.1007/s00199-008-0373-5 (With D. Glycopantis and K. Podczeck)

Competitive Equilibrium and the Grand Coalition. *Journal of Mathematical Economics*, (2008), 44, 697-706. (With E. Moreno-García).

Subjective Expectations Equilibrium in Economies with Uncertain Delivery. *Journal of Mathematical Economics*, (2008), 44, pp. 641-650. (With J. Correia-da-Silva).

Private Information: Similarity as Compatibility. *Economic Theory*, (2007), 30: 395-407 (With J. Correia-da-Silva).

Characterization and Incentive Compatibility of Walrasian Expectations Equilibrium in Infinite Dimensional Commodity Spaces. *Economic Theory*, (2005), 26, pp. 361-381. (With E. Moreno-García and N. C. Yannelis).

An Equivalence Theorem for a Differential Information Economy. *Journal of Mathematical Economics*, (2005) 41, 844-856. (With E. Moreno-García and N.C. Yannelis).

El Poder de Veto de la Gran Coalición. *Investigaciones Económicas*, (2004), XXVIII, 3, 489-513. (With E. Moreno-García).

Discrete Representation of a Continuum Economy. *Decision in Economics and Finance*, (2003) 25, 19-38. (With E. Moreno-García and C. Núñez).

The Veto Mechanism Revisited. *Approximation, Optimization and Mathematical Economics* (2001), Marc Lasonde Editor, Phisica-Verlag, Heidelberg, pp.147-157. (With Emma Moreno-García).

Blocking Efficacy of Small Coalitions in Myopic Economies. *Journal of Economic Theory*, (2000), 93 pp. 72-86. (With E. Moreno-García, C. Nuñez and M.R. Páscoa).

Manipulation-Proof Equilibrium in Atomless Economies with Commodity Differentiation. *Economic Theory*, (1999) 14, pp. 545-563. (With E. Moreno-García and M.R. Páscoa).

Topologies on the Space of Economic Agents. *Journal of Economics* (1999) Supl. 8, pp. 69-78. (With M. Estvez and A. Verdejo).

Numerical Representation of Countably Bounded Preferences. *Journal of Economics* (1999) Supl. 8, pp. 39-51. (With M. Estévez and A. Verdejo).

Espacios Separablemente Conexos. *Revista de la Real Academia de Ciencias Exactas Físicas y Naturales (Matemáticas)* (1998) 92,1 pp. 35-40 (With A. Balbás, M. Estévez and A. Verdejo).

Equilibrio Estratégico en Economías con un Continuo de Agentes. *Revista Española de Economía* (1998) 15,2. pp. 281-288 (With E. Moreno-García).

Some Results on Representation and Extension of Preferences. *Journal of Mathematical Economics*, (1998) 29, pp. 75-81 (With J.C. Candeal and E. Indurain).

On the Existence of Preference Orderings without Utility Representation. *Journal of Mathematical Economics*, (1995), 24, pp. 405-409. (With M. Estevéz).

A Discrete Approach to Continuum Economies. *Economic Theory*, (1993). Vol. 3, pp. 577-583. (With J. García-Cutrín)

Aplicaciones Económicas de las Suites en los Espacios Vectoriales Topológicos. *Revista de la Academia de Ciencias de Zaragoza*, (1992) 5, pp. 89-102 (With J.C. Candeal and E. Indurain).

Un Modelo de Economía con Ncleo no vacío. *Extractae Mathematicae* (1990) 5, 3, pp.111-118. (With J. García)-Cutrín

Una Generalizacin de un Teorema de Scarf. *Revista Espaola de Economía* (1988) 46, pp. 201-208. (With M. Besada and M. Estévez).

Equilibria in Economies with Countably many Commodities. *Economic Letters* ,(1988) 26, pp. 203-207. (With M. Besada and M. Estévez).

Ncleo de una economa con infinitas mercancas. *Investigaciones Econmicas* (1988) XII (3), pp. 445-453. (With M. Besada and M. Estévez).

Existencia de equilibrio en una economía con produccin e infinitas mercancas. *Investigaciones Económicas* (1988) XII (1), pp. 69-83 (With M. Besada and M. Estévez).

Weakly Sequentially Continuous Analytic Functions on a Banach Space. *Functional Analysis, Holomorphy and Approximation Theory II* (1984), North-Holland, Math. Studies 86, pp. 23-38 (With R.M. Aron).

Weakly continuous mappings on Banach spaces. *Journal of Functional Analysis* (1983) 52 (2), pp. 189-204 (With R.M. Aron and M. Valdivia Ureña).

Applications des mesures gaussiennes complexes aux fonctions plurisous harmoniques et analytiques. *Bulletin des Sciences Mathematiques* (1981), 105 pp. 73-83. (With M. Estévez).

Un Teorema de Vitali. *Revista de la Universidad de Santander* (1979)2, pp.129-132 (With M. Estévez).

Medidas Gaussianas Complejas y Aplicaciones. *Publicaciones del Departamento de Teoría de Funciones*. Universidad de Santiago de Compostela (1979).

Mesures gaussiennes complexes et fonctions plurisousharmoniques. *Comptes Rendues de l'Académie des Sciences de Paris* (1978), 287, pp. 417-421 (With M.Estévez).

## Research Grants (Head of Research)

2015-2017 Economics and Business Administration for Society (ECOBAS). AGRUP2015/08. Xunta de Galicia

2013-2015 Competencia, cooperación, negociación y formación de precios (II) ECO2012-38860-C02-02 Ministerio de Economía y Competitividad

2010-2013 Mercados con información asimétrica: Precios y eficiencia  
10 PXIB 300 141 PR Xunta de Galicia

2009-2012 Mercados, Equilibrio e Información Asimétrica  
ECO2009-14457-C0401ECON Ministerio de Educacin y Ciencia.

2007-2010 RGEA (Research Group in Economic Analysis). Xunta de Galicia

2007-2010 Información, subastas y coaliciones  
PGIDIT07PXIB300095PR Xunta de Galicia.

- 2006-2009 Economía Matemática SEJ2006-15401-C04-01 Ministerio de Educación y Ciencia and FEDER.
- 2004-2006 Economía Matemática: Equilibrios, Optimización y Mercados Financieros.  
BEC2003-09067-C04-01. Ministerio de Ciencia y tecnología.
- 2001-2003 Economía Matemática BEC2000-1388-C04-01. Ministerio de Ciencia y tecnología.
- 1999-2000 Soluciones Cooperativas en Economías con muchos agentes  
HP 1998-0084. Ministerio de Ciencia y tecnología.
- 1997-1999 Economía Matemática y Optimización PB95-0729-C02-01 D.G.I.C.Y.T.
- 1994-1996 Economía Matemática y Optimización PS93- 0050 D.G.I.C.Y.T.
- 1992-1994 Economía Matemática. Relaciones de Preferencia PS91-0042 D.G.I.C.Y.T.

## Ph.D. Supervisor

Joao Correia da Silva. 2005. Essays on General Equilibrium with Asymmetric Information. Universidade do Porto (Portugal).

Guadalupe Fugarolas Álvarez-Ude. 2004. Soluciones cooperativas y no cooperativas en economías con información diferenciada. Universidad de Vigo.

Antonio Molina Abraldes. 2002. Optimalidad en Modelos de Generaciones Solapadas bajo diferentes Estructuras Temporales. Universidad de Vigo.

Juan Pintos Clapes. 2002. Eficiencia Paretiana en Modelos de Equilibrio General con Generaciones Solapadas. Universidad de Vigo.

Amelia Verdejo Rodríguez. 1997. Espacios Separablemente Conexos y Relaciones de Preferencia. Universidad de Vigo.

Emma Moreno-García 1996. Coaliciones y Competencia Perfecta Universidad Carlos III de Madrid.

Francisco Javier García Cutrín 1992. Núcleo y Equilibrio en Economías con N tipos de Agentes. Universidad de Vigo.

Manuel Besada Morais 1986. Existencia de Equilibrio en Economías sin Horizonte Temporal. Universidad de Santiago de Compostela.