

Carlos Alós-Ferrer

1 Personal Data

- ◇ Nationality: Spanish; Born in Moncófar (Castellón, Spain) on 22nd November 1970.
- ◇ Contact: Department of Economics, University of Konstanz.
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2 Education

- 2004 "Habilitation" in Economics, University of Vienna (Austria).
- 1998 Ph.D. in Economics, University of Alicante (Spain).
- 1995 Master in Quantitative Economics. University of Alicante (Spain)
- 1992 First Degree Dissertation. Grade: Excellent with Honourable Mention.
- 1992 "Licenciado en Matemáticas" (Master of Science, Mathematics). Univ. of Valencia (Spain)

3 Awards

- 2005 Figdor Prize for Law, Social and Economic Sciences, Austrian Academy of Sciences
- 1999 Austrian Economic Association Award to Young Economists
- 1998 Extraordinary Ph.D. Award (Quantitative Economics), University of Alicante (Spain)
- 1992 Extraordinary Master Award (Mathematics), University of Valencia (Spain)

4 Appointments and Academic Positions

- 2008 Full Professor at the University of Lausanne (declined).
- 2005-... Full Professor of Microeconomics (*Professor (W3)*, tenured) at the Dpt. of Economics, University of Konstanz (Germany).
- 2004-2005 Associate Professor (*außerordentlicher Professor*, tenured) at the Dpt. of Economics, University of Vienna (Austria).
- 2002-2004 Associate Professor (*Titular de Universidad*, tenured) at the Dpt. of Economics, University of Salamanca (Spain)
- 1997-2004 Assistant Professor (*Univ.Assistent*) at the Dpt.of Economics, Univ.of Vienna (Austria).
- 1996-1997 Research Fellow, Spanish Ministry of Education. Univ. Alicante (Spain)
- 1993-1996 Assistant (*AYEU,AYU*) at the Dpt. of Economics, Univ. Alicante (Spain)
- 1992-1993 Numerical Processes Controller. "García Ballester, SL". Burriana (Spain)

5 Publications (Research Articles)

- 1999 "An Evolutionary Model of Market Structure," joint with A.B. Ania and F. Vega Redondo. In: van der Laan, G., Herings, P.J.J., Talman, A.J.J. (Eds.), "The Theory of Markets", North Holland, Amsterdam, 1999.
- 1999 "Dynamical Systems with a Continuum of Randomly Matched Agents," **Journal of Economic Theory** 86 (2), June 1999, pp. 245-267.
- 2000 "An Evolutionary Model of Bertrand Oligopoly," joint with A.B. Ania and K.R. Schenk-Hoppé. **Games and Economic Behavior** 33 (1), Oct. 2000, pp. 1-19.
- 2001 "Local Equilibria in Economic Games," joint with A.B. Ania. **Economics Letters** 70 (2), Feb. 2001, pp. 165-173.
- 2002 "Random Matching of Several Infinite Populations," **Annals of Operations Research** 114, Aug. 2002, pp. 33-38.
- 2003 "A Comment on 'The Selection of Preferences through Imitation'," joint with M. Nermuth. **Economics Bulletin** 3 (7), 2003, pp. 1-9.
- 2003 "Finite Population Dynamics and Mixed Equilibria," **International Game Theory Review** 5 (3), Sept. 2003, pp. 263-290.
- 2004 "Teoría de Juegos e Historia Económica: una simbiosis necesaria," *Información Comercial Española - Revista de Economía*, No. 812, Jan. 2004, pp. 27-33.
- 2004 "Cournot vs. Walras in Dynamic Oligopolies with Memory," **International Journal of Industrial Organization** 22 (2), Feb. 2004, pp. 193-217.
- 2005 "Some Remarks on Pseudotrees," joint with K.Ritzberger. **Order** 22 (1), Feb. 2005, pp. 1-9
- 2005 "The Asset Market Game," joint with A.B. Ania. **Journal of Mathematical Economics** 41 (1-2), Feb. 2005, pp. 67-90.
- 2005 "Trees and Decisions," joint with K. Ritzberger. **Economic Theory** 25 (4), June 2005, pp. 763-798.
- 2005 "The Evolutionary Stability of Perfectly Competitive Behavior," joint with A.B. Ania. **Economic Theory** 26 (3), Oct. 2005, pp. 497-516.
- 2006 "The Discretization of Continuum Strategy Spaces," **International Game Theory Review** 8 (3), Sept 2006, pp. 499-514.
- 2006 "Imitation, Local Interactions, and Efficiency," joint with S. Weidenholzer. **Economics Letters** 93 (2), Nov 2006, pp. 163-168.
- 2006 "A Simple Characterization of Approval Voting," **Social Choice and Welfare** 27 (3), Dec 2006, pp. 621-625.
- 2007 "Nash Equilibria for non-binary choice rules," joint with J.C.R. Alcántud. **International Journal of Game Theory** 35 (3), Feb 2007, pp. 455-464.
- 2007 "Partial Bandwagon Effects and Local Interactions," joint with S. Weidenholzer. **Games and Economic Behavior**, 61 (2), Nov 2007, pp. 179-197

- 2008 “Learning, Bounded Memory, and Inertia.” **Economics Letters**, 101 (2), Nov 2008, pp. 134-136.
- 2008 “Trees and Extensive Forms,” joint with K. Ritzberger. **Journal of Economic Theory**, 143 (1), Nov 2008, pp. 216-250.
- 2008 “Contagion and Efficiency,” joint with S. Weidenholzer. **Journal of Economic Theory**, 143 (1), Nov 2008, pp. 251-274.
- 2009 “Imitation and Learning,” joint with K. Schlag. In: Anand, P., Pattanaik, P., Puppe, C. (Eds.), “Handbook of Social and Rational Choice”, Oxford University Press, 2009.
- 2009 “Do People Update Beliefs? A Critical Review and Some New Evidence,” joint with A. Achtziger. In: Franz, W., Güth, W., Ramser, H.-J., Stadler, M. (Eds.), “Experimentelle Wirtschaftsforschung”, 38. Wirtschaftswissenschaftliches Seminar Ottobeuren, Mohr Siebeck 2009.
- 2009 “Best-response Dynamics in a Birth-Death Model of Evolution in Games,” joint with Ilja Neustadt. **International Game Theory Review**, forthcoming.
- 2010 “General Equilibrium and the Emergence of (Non) Market Clearing Trading Institutions,” joint with Georg Kirchsteiger. **Economic Theory**, forthcoming.
- 2010 “On the Evolution of Market Institutions: The Platform Design Paradox,” joint with Georg Kirchsteiger and Markus Walzl. **Economic Journal**, forthcoming.
- 2010 “The Logit-Response Dynamics,” joint with Nick Netzer. **Games and Economic Behavior**, forthcoming.

6 Books

- ◇ “Mathematics for Economic Theorists,” in preparation for Oxford University Press.
- ◇ “Foundations of Sequential Decision Theory,” joint with Klaus Ritzberger, in preparation for Springer Verlag (Monographs of the Game Theory Society).

7 Other Academic Activities

Memberships: Econometric Society, Game Theory Society, Verein für Socialpolitik (*Industrieökonomischer Ausschuss*, *Theoretischer Ausschuss*).

Editor in Chief, *Games* (MDPI publishing, Basel), since 2009.

Associate Editor, *The B.E. Journal of Theoretical Economics*, since 2008.

Referee for (*Economics*): *Econometrica*, *Review of Economic Studies*, *Journal of Economic Theory*, *Games and Economic Behavior*, *International Journal of Game Theory*, *International Journal of Industrial Organization*, *Economic Theory*, *International Economic Review*, *Social Choice and Welfare*, *Journal of Economic Behavior and Organization*, *Journal of Economic Dynamics and Control*, *Theory and Decision*, *Canadian Journal of Economics*, *JITE*.

Referee for (*Other*): *PNAS*, *Journal of Theoretical Biology*, *Theoretical Population Biology*, *Mathematics of Operations Research*, *DCDS-B*.

8 Research projects:

2010-2012 The Theory of Sequential Decisions, German Research Foundation (DFG) (Main Researcher). Part of a German-Austrian cooperation under the D-A-CH Lead Agency program. The Austrian counterpart corresponds to an FWF-funded project led by Prof. Dr. Klaus Ritzberger, Institute for Advanced Studies, Vienna.

2008-2010 Center for Psychoeconomics (Speaker), Research Center within the “Excellenzinitiative” at the University of Konstanz.

2005-2009 Evolutionary Economic Models in Finite Populations (Main Researcher), Austrian Science Fund (FWF) Project Nr. P 18141.

2003-2004 Evolutionary Stability in Economic Problems and the Evolution of Preferences (Coordinator in Spain), Acciones Integradas Spain-Austria, Ministerio de Educación y Cultura (Project HU02-4) / Österreichischer Austauschdienst (Project 18/2003).

2002-2005 Behavioral Models in Economics and Finance (Coordinator at the European Level), European Science Foundation (Austria/Switzerland/Spain).

2003-2004 Estabilidad Evolutiva en Contextos Económicos (Main Researcher), Junta de Castilla y León Project SA114/03.

2002-2003 Bounded Rationality and Markets (Researcher), Jubiläumsstiftung der Stadt Wien.

9 Teaching

University of Alicante (Spain):

Mathematics for Business Administration (93/94, 94/95), Mathematics for Economists (95/96)

University of Vienna (Austria):

Microeconomics (“Proseminar”; WS 98/99, 99/00, 00/01, 01/02), Game Theory I (“Proseminar”; SS 00, 01, 04), Industrial Organization (“Proseminar”; SS 98), Game theory II (WS 03/04, 04/05), Social Choice (SS 05), Social Learning (SS 00,01), Dynamical Models in Economics (WS 01/02), Evolutionary Models and Applications (SS 04), Learning and Bounded Rationality (Ph.D.; WS 03/04, 04/05), Equilibrium Selection in Games (Ph.D.; SS 05).

University of Salamanca (Spain):

Mathematics for Business Administration (SS 02,03), Game Theory (WS 02/03), Optimization Methods (WS 02/03).

University of Konstanz (Germany):

Bachelor level: Game Theory (SS 06, 07; WS 08/09, 09/10)

Master Level: Microeconomics (Master IER) (WS 05/06, 06/07, 07/08); Advanced Microeconomics (WS 09/10); Industrial Organization (WS 05/06, 06/07, 07/08); Economic Theory of Politics (SS 06, 07).

Ph.D. level: Advanced Game Theory (Ph.D.; WS 05/06, 06/07, 07/08, 08/09); Social Choice (Ph.D.; SS 06), Economic Theory Seminar (Ph.D.; SS 06, 07).

Courses taught as External Faculty:

Mathematics for Economists (Ph.D.), Institute for Advanced Studies, Vienna (Austria) (WS 04/05); Advanced Game Theory (Ph.D.), University of Konstanz (Germany) (March 05); Social

Choice (Ph.D.), Institute for Advanced Studies, Vienna (Austria) (March 07); Stochastic Evolutionary Games (Ph.D.), Department of Economics, University of Bielefeld (Germany) (October 07); Advanced Microeconomics, University of St.Gallen (WS 08).

10 Ph.D. Supervision

2006 Simon Weidenholzer, University of Vienna. Ph.D. Thesis: “Coordination Games, Local Interactions, and Economic Applications”.

Placement: Simon Weidenholzer is now Assistant Professor at the University of Vienna.

2008 Nick Netzer, University of Konstanz. Ph.D. Thesis: “Risk, Behavior, and Evolution”.

Placement: Nick Netzer is now Senior Assistant at the University of Zurich.

2006-... Alexandra Stürmer, University of Konstanz. Ph.D. Thesis, in progress.

2006-... Shi Fei, University of Konstanz. Ph.D. Thesis, in progress.

2008-... Đura-Georg Granić, University of Konstanz. Ph.D. Thesis, in progress.

2009-... Johannes Kern, University of Konstanz. Ph.D. Thesis, in progress.

11 Languages

◇ Spanish, Catalan (Native speaker)

◇ English, German (Fluent)

12 Talks, Conferences, and Longer Research Stays

2009 **Talks:** University of Cologne (Germany) (January); University of Paderborn (Germany) (January); Joint Seminar Dpt. of Economics- Institute for Advanced Studies, University of Vienna (April); University of Heidelberg (Germany) (May); Joint Seminar Free University- Humboldt University, Berlin (Germany) (July); ECARES- Université Libre de Bruxelles (Belgium) (October).

Conferences: Plenary Speaker at the Augustin Cournot Doctoral Days (Strasbourg) (April); Econometric Society European Meeting, Barcelona (Spain) (August).

Workshops: ESI Pre-Spring Workshop, Max Planck Institute of Economics (Jena, Germany) (March).

Research Stay: Visiting Scholar at the Institute for Advanced Studies, Vienna (Austria) (April-June).

2008 **Talks:** Max Planck Institute of Economics (Jena, Germany) (January); University of Strasbourg (France) (February); Kellogg School of Management at Northwestern University (USA) (April); University of Karlsruhe (Germany) (June).

Conferences: Games 2008: 3rd World Meeting of the Game Theory Society. Northwestern University (USA) (July); Econometric Society European Meeting, Milano (Italy) (August); German Economic Association Annual Meeting, Graz (Austria) (September).

- Workshops:** 38. *Wirtschaftswissenschaftliches Seminar Ottobeuren* on Experimental Research in Economics, Ottobeuren (Germany) (September).
Advances in the Theory of Networks and Strategic Interaction, Northwestern University (USA) (October).
- Research Stay:** Visiting Scholar at MEDS Center, Northwestern University, USA (April).
- 2007 **Talks:** University of Zurich (Switzerland) (April); University of Tübingen (Germany) (July); University of Bielefeld (Germany) (October).
- Conferences:** (June) SAET Conference, Kos (Greece) (June); German Economic Association Annual Meeting, Munich (Germany) (October).
- Research Stay:** Visiting Scholar at the Institute for Advanced Studies, Vienna (Austria) (March).
- 2006 **Talks:** University College London (UK) (January); CeNDEF, University of Amsterdam (The Netherlands) (March); University of Wisconsin-Madison (USA) (October); Institute for Advanced Studies/University of Vienna (Austria) (November).
- Conferences:** Spain-Italy-Netherlands Meeting in Game Theory (SING2). Foggia (Italy) (June); Econometric Society European Meeting, Vienna (Austria) (August); German Economic Association Annual Meeting, Bayreuth (Germany) (September).
- Workshops:** Random Matching and Network Formation, University of Kentucky (USA) (October); General Equilibrium, Institute for Advanced Studies, Vienna (Austria) (October).
- 2005 **Conferences:** SAET Conference, Vigo (Spain) (July); German Economic Association Annual Meeting, Bonn (Germany) (September).
- Workshops:** Microscopic Stochastic Dynamics in Economics, ZiF/University of Bielefeld (Germany) (July); Fourth Workshop on Behavioral Models in Economics and Finance, Vienna (Austria) (member of the organizing committee) (September).
- 2004 **Talks:** University of Maastricht (The Netherlands) (May); University of Dortmund (Germany) (May); University of Tokyo (Japan) (June); Cornell University (USA) (September).
- Conferences:** Games 2004: 2nd World Meeting of the Game Theory Society. Marseille (France) (July).
- Workshops:** Game Dynamics, Kyoto (Japan) (June); Third Workshop on Behavioral Models in Economics and Finance, Zurich (Switzerland) (September).
- 2003 **Conferences:** XV Italian Meeting on Game Theory (IMGTA). Urbino (Italy) (July).
- Workshops:** Jornadas Béticas de Macroeconomía Dinámica (BeMAD). CENTRA (Sevilla, Spain) (May); Second Workshop on Behavioral Models in Economics and Finance, Salamanca (Spain) (member of the organizing committee) (September).
- 2002 **Talks:** Universidad Carlos III de Madrid (Spain) (May).
- Conferences:** Austrian Economic Association Annual Conference, Vienna (Austria) (May); Econometric Society European Meeting, Venice (Italy) (August); German Economic Association Annual Meeting, Innsbruck (Austria) (September); XXVII Simposio de Análisis Económico, Salamanca (Spain) (December).

- Workshops:** Game Theory, Institute for Advanced Studies, Vienna (Austria) (May); First Workshop on Behavioral Models in Economics and Finance, Vienna (Austria) (member of the organizing committee) (September).
- 2001 **Conferences:** WEHIA 2001 (Workshop on the Economics of Heterogeneous Interacting Agents), Maastricht (The Netherlands) (June).
- Workshops:** Learning and Bounded Rationality in Markets, Florence (Italy) (June).
- 2000 **Talks:** Institute for Economic Analysis/Universitat Autònoma de Barcelona (March).
- Workshops:** Evolutionary Game Theory - 2000, Odense (Denmark) (September).
- 1999 **Conferences:** Austrian Economic Association Annual Conference, Linz (Austria) (May); Econometric Society European Meeting, Santiago de Compostela (Spain) (August).
- 1998 **Workshops:** Economic Models of Evolutionary Dynamics and Interacting Agents, University of Trieste and International Centre for Theoretical Physics (Italy) (September).
- 1997 **Conferences:** III Encuentro Gallego de Jóvenes Investigadores, Vigo (Spain) (July); XXII Simposio de Análisis Económico, Barcelona (Spain) (December).
- Workshops:** Topics in Game Theory, University of Valencia (Spain) (July); Evolutionary Game Theory and Evolution of Preferences. University of Bonn. Oberwesel (Germany) (August).