

# CARLOS ALÓS-FERRER

## One-Page Scientific Profile - December 2022

### Fields of Research

Microeconomics, Neuroeconomics, Economic Psychology, Behavioral Economics, Decision Theory, Game Theory, Mathematical Economics, Voting Methods

### Education

2004 Habilitation (*Venia Legendi*) in Economics, University of Vienna (Austria).  
1998 Ph.D. in Economics, University of Alicante (Spain)  
1992 Master of Science, Mathematics. University of Valencia (Spain)

### Positions as Full or Associate Professor

2018-... **Full Professor of Decision and Neuroeconomic Theory**, University of Zurich (Switzerland), endowed by the NOMIS Foundation  
2016-... Visiting Professor, New York University at Abu Dhabi (United Arab Emirates) in 2016, 2018, 2019, 2020, 2022, 2023.  
2012-2018 Full Professor of Microeconomics, University of Cologne (Germany)  
2005-2012 Full Professor of Microeconomics, University of Konstanz (Germany)  
2004-2005 Associate Professor, University of Vienna (Austria)  
2002-2004 Associate Professor, University of Salamanca (Spain)

### Academic Service (Selected)

2019-... **Editor in Chief**, Journal of Economic Psychology (Elsevier).  
2022-... **Book Series Editor**, official book series of the Game Theory Society (Springer).  
2016-2020 **Elected member of the Grants-Awarding Committee for Economics** of the German Research Foundation (DFG).  
2012-2018 **Speaker, Research Unit “Psychoeconomics,”** financed by the German Research Foundation (DFG). A research consortium across three universities (Konstanz, Cologne, and Zeppelin University Friedrichshafen).

### Selected Awards and Rankings

2022 *h* index: 35 (Google scholar); *i10* index: 66 (over 3,000 citations).  
2021 Handelsblatt Econ Ranking: Ranked number 36 (top 2%) among  $\sim 3000$  economists in Germany, Switzerland, and Austria, including those working in the U.S., U.K., etc.  
2005 Figdor Prize for Law, Social and Economic Sciences, Austrian Academy of Sciences  
1999 Austrian Economic Association Award to Young Economists

### Publications

96 international, peer-reviewed article publications in economics, psychology, and neuroscience.  
15 book chapters and miscellaneous.

**Book:** “The Theory of Extensive Form Games,” 2016, Carlos Alós-Ferrer and Klaus Ritzberger, Springer Verlag (Monographs of the Game Theory Society).

### Research Funding

$\sim 3$  Million Euro cumulated third-party funding from the Austrian Science Fund (FWF), the German Research Foundation (DFG), and the Swiss National Science Foundation (SNF), among others.

# CARLOS ALÓS-FERRER

## 1 Personal Data

- ◇ Nationality: Spanish; Born in Moncófar (Castellón, Spain) on November 22nd, 1970.
- ◇ Contact: Department of Economics, University of Zurich.  
Blümlisalpstrasse 10. CH 8006 Zurich (Switzerland)  
Phone: [+41]-(0)44 634 10 16  
E-Mail: Carlos.Alos-Ferrer@econ.uzh.ch
- ◇ Languages: English, German (fluent); Spanish, Catalan (native speaker).

## 2 Education

- 2004 Habilitation (*Venia Legendi*) 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 Master of Science, Mathematics. University of Valencia (Spain)

## 3 Appointments and Academic Positions

- 2018-... NOMIS Full Professor of Decision and Neuroeconomic Theory at the Dpt. of Economics, University of Zurich (Switzerland)
- 2016-... Visiting Professor at New York University Abu Dhabi in 2016, 2018, 2019, 2020, 2022, 2023 (United Arab Emirates).
- 2012-2018 Full Professor of Microeconomics (*W3-Professor*, tenured) at the Dpt. of Economics, University of Cologne (Germany)
- 2011 Call as Full Professor at the University of Maastricht (The Netherlands), declined.
- 2008 Call as Full Professor at the University of Lausanne (Switzerland), declined.
- 2005-2012 Full Professor of Microeconomics (*W3-Professor*, 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)

## 4 Awards

- 2016 Best Paper Award, Association for NeuroPsychoEconomics (Bonn)
- 2014 Best Paper Award, Association for NeuroPsychoEconomics (Munich)
- 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)

## 5 Academic Service

### Editorial Positions:

- ◇ **Book Series Editor**, Springer Series in Game Theory, Official Series of the Game Theory Society, since August 2022.
- ◇ **Editor in Chief**, Journal of Economic Psychology, since January 2019.
- ◇ **(Founding) Editor in Chief**, *Games* (MDPI publishing, Basel), 2009-2012.
- ◇ **Associate Editor**, Economic Theory (and ET Bulletin), since 2017.
- ◇ **Associate Editor**, Frontiers in Psychology / Frontiers in Neuroscience (Section: Decision Neuroscience), since 2021.
- ◇ **Editorial Board Member**, Cognitive Neurodynamics, since 2022.
- ◇ **Associate Editor**, Journal of Economic Psychology, 2013-2018.
- ◇ **Associate Editor**, Mathematical Social Sciences, 2014-2018.
- ◇ **Associate Editor**, Journal of Economic Behavior and Organization, 2011-2018.
- ◇ **Associate Editor**, The B.E. Journal of Theoretical Economics, 2008-2012.
- ◇ **Guest Editor**, special issue on Dual Processes and Multiple Selves, Journal of Economic Psychology (together with Fritz Strack), published 2014.
- ◇ **Refereeing**. I have written hundreds of reports for dozens of journals in many different disciplines. I stopped counting a long time ago. I also regularly write research project evaluations for national funding agencies from different countries.

### Academic Organization:

- ◇ Elected member of the Grants-Awarding Committee (*Fachkollegium*) for Economics of the German Research Foundation (DFG), 2016-2020.
- ◇ Evaluator of the PhD Programs in Economics and Management (“Accreditation”), AQU Catalunya (Universitat Pompeu i Fabra, Universitat Autònoma de Barcelona), 2019.
- ◇ President, Association for NeuroPsychoEconomics, 2018-2019.

- ◇ Speaker, Research Unit “Psychoeconomics,” financed by the German Research Foundation (DFG: FOR 1882), 2012-2018. A research consortium across three universities (Konstanz, Cologne, and Zeppelin University Friedrichshafen).
- ◇ Deputy Senator (representing the Faculty of Management, Economics, and Social Sciences) at the University of Cologne, 2016-2018.
- ◇ Speaker, Forum “Motivation, Self-Control, and Economic Behavior” at the University of Cologne, 2015-2016.
- ◇ Speaker, Center for Psychoeconomics at the University of Konstanz, 2008-2011.

## 6 Research projects (third-party funding):

- 2021 The Neuroeconomics of Biases and Cognitive Failures in Markets, NOMIS Foundation (Principal Investigator; Co-PI: Christian Ruff).
- 2018-2022 The Neuroeconomics of Conflict and Preference Strength in Decision Making, Swiss National Science Foundation (SNF) (Principal Investigator), 100014\_179009/1.
- 2016-2019 Stochastic Stability in Networks and Markets, German Research Foundation (DFG) (Principal Investigator), Al-1169/5.
- 2015-2016 Speaker, Forum “Motivation, Self-Control, and Economic Behavior”, funded within the “Exzellenzinitiative” at the University of Cologne.
- 2012-2018 Speaker and Coordinator of the Research Unit “Psychoeconomics”, German Research Foundation (DFG) (Speaker), FOR 1882 (Coordination project: Al-1169/3-1 and -2).
- 2012-2019 Economic Rationality and Competing Behavioral Rules, project within the Research Unit “Psychoeconomics”, German Research Foundation (DFG) (Principal Investigator), Al-1169/4-1 and -2.
- 2012-2016 Approval Voting: Theory and Experiments, German Research Foundation (DFG) (Principal Investigator), Al-1169/2.
- 2010-2016 The Theory of Sequential Decisions, German Research Foundation (DFG) (Principal Investigator), Al-1169/1-1 and -2. Part of a German-Austrian cooperation under the D-A-CH Lead Agency program.
- 2008-2011 Center for Psychoeconomics (Speaker), Research Center within the “Exzellenzinitiative” at the University of Konstanz.
- 2005-2009 Evolutionary Economic Models in Finite Populations (Principal Investigator), 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 (Principal Investigator), Junta de Castilla y León Project SA114/03.

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

## 7 Publications (Journal Articles)

96. [Forthcoming] “Part-Time Bayesians: Incentives and Behavioral Heterogeneity in Belief Updating,” Carlos Alós-Ferrer and Michele Garagnani, **Management Science** (*Finance Department*), forthcoming.
95. [Forthcoming] “Does Choice Change Preferences? An Incentivized Test of the Mere Choice Effect,” Carlos Alós-Ferrer and Georg D. Granic, **Experimental Economics**, forthcoming.
94. [Forthcoming] “An Axiomatic Characterization of Bayesian Updating,” Carlos Alós-Ferrer and Maximilian Mihm, **Journal of Mathematical Economics**, 104, January 2023, 102799.
93. [2022] “Ethical Allocation of Scarce Vaccine Doses: The Priority-Equality Protocol,” Carlos Alós-Ferrer, Jaume García-Segarra, and Miguel Ginés-Vilar, **Frontiers in Public Health**, volume 10, December 2022, 986776.
92. [2022] “Voting Under Time Pressure,” Carlos Alós-Ferrer and Michele Garagnani, **Judgment and Decision Making**, 17(5), September 2022, pp. 1072–1093.
91. [2022] “Excess Payoff Dynamics in Games,” Carlos Alós-Ferrer and Josef Hofbauer, **Journal of Economic Theory**, 204, September 2022, 105464.
90. [2022] “The Gradual Nature of Economic Errors,” Carlos Alós-Ferrer and Michele Garagnani, **Journal of Economic Behavior and Organization**, 200, August 2022, pp. 55–66.
89. [2022] “Strength of Preference and Decisions Under Risk,” Carlos Alós-Ferrer and Michele Garagnani, **Journal of Risk and Uncertainty**, 64 (3), June 2022, 309–329.
88. [2022] “Attention and Salience in Preference Reversals,” Carlos Alós-Ferrer and Alexander Ritschel, **Experimental Economics**, 25, June 2022, 1024–1051.
87. [2022] “The Reinforcement Paradox: Monetary Incentives and Bayesian Updating,” Carlos Alós-Ferrer, Johannes Buckenmaier, Michele Garagnani, and Alexander Ritschel, **Economics Letters**, 211, February 2022, 110200.
86. [2022] “Do Traders Learn to Select Efficient Market Institutions?,” Carlos Alós-Ferrer, Johannes Buckenmaier, and Georg Kirchsteiger, **Experimental Economics**, 25, February 2022, 203–228.
85. [2022] “Generous with Individuals and Selfish to the Masses,” Carlos Alós-Ferrer, Jaume García-Segarra, and Alexander Ritschel, **Nature Human Behaviour**, 6, January 2022, 88–96.

- Covered as Research Highlight in Nature, Aug 12 2021, p. 166.

- *Press Coverage:* New Scientist Frankfurter Allgemeine Zeitung (German), Spektrum (German), The US News, yahoo!Life, yahoo!Finance, Futurity.org, Big News Network, MirageNews, AlphaGalileo.org, moneycab, TechnologyNetworks, Phys.org, Latestly, Germanic News, Illinois News Today, St.Louis News, Israel Herald, Sydney Sun, MedAustria News (closed access), Argentina Star, Mexico Star, Venezuela Star, Barbados News, India Gazette, Bihar24x7, Punjab Live, Gujarat Varta, Haryana Today, Odisha Post, Beijing News, Hong Kong Herald, ANI News (South Asia), Sify.com, Tajikistan News, NewKerala, Vanakkam Tamil Nadu, Andhra Pradesh Mirror, Babushahi, Manila Metro, Nigeria Sun, Sierra Leone Times, Naked Science (Russian), GuruMed (French), Futura Sciences (French), Anandabazar (Bangla).

*Spanish Press:* QUO, Mundo Deportivo, Diario Dia, Diario Siglo XXI, NoticiasDe, El Nuevo Mundo, InfoSalus, La Provincia Digital, TekCrispy.

*Swiss Press:* Radio SF3, Le Temps, Blick (echoed in MSN.com), Tagesanzeiger, Basler Zeitung, Berner Zeitung, Der Bund, Nau, Zürcher Unterländer, La Domenica, myScience.ch, SeniorWeb.

84. [2022] “The Trembling Chairman Paradox,” Carlos Alós-Ferrer, **Games and Economic Behavior**, 131, January 2022, 51–55.
83. [2021] “Multi-Lateral Strategic Bargaining Without Stationarity,” Carlos Alós-Ferrer and Klaus Ritzberger, **Journal of Mathematical Economics**, December 2021, volume 97, 102540.
82. [2021] “The Role of Payoff Valence on Voting: Egalitarian for Gains and Selfish for Losses,” Carlos Alós-Ferrer, Michele Garagnani, and Jaume García-Segarra, **Frontiers in Psychology**, November 2021, volume 12, 737225.
81. [2021] “Effortful Bayesian Updating: A Pupil-Dilation Study,” Carlos Alós-Ferrer, Alexander Jaudas, and Alexander Ritschel, **Journal of Risk and Uncertainty**, 63(1), August 2021, volume 63, 81–102.
80. [2021] “Time Will Tell: Recovering Preferences when Choices Are Noisy,” Carlos Alós-Ferrer, Ernst Fehr, and Nick Netzer **Journal of Political Economy**, 129 (6), June 2021, 1828–1877.
79. [2021] “Cognitive Sophistication and Deliberation Times,” Carlos Alós-Ferrer and Johannes Buckenmaier, **Experimental Economics**, 24, June 2021, 558–592.
78. [2021] “When Are Efficient Conventions Selected in Networks?,” Carlos Alós-Ferrer, Johannes Buckenmaier, and Federica Farolfi, **Journal of Economic Dynamics and Control**, 124, March 2021, Article 104074.
77. [2021] “Imitation, Network Size, and Efficiency,” Carlos Alós-Ferrer, Johannes Buckenmaier, and Federica Farolfi, **Network Science**, 9 (1), March 2021, pp. 123–133.
76. [2021] “Multiple Behavioral Rules in Cournot Oligopolies,” Carlos Alós-Ferrer and Alexander Ritschel, **Journal of Economic Behavior and Organization**, 183, March 2021, pp. 250–267

75. [2021] “Conditional Valuation for Combinations of Goods in Primates,” Hui-Kuan Chung, Carlos Alós-Ferrer, and Philippe Tobler, **Philosophical Transactions of the Royal Society B**, 376(1819), March 2021, Article 20190669.
74. [2021] “Attentional Shifts and Preference Reversals: An Eye-tracking Study,” Carlos Alós-Ferrer, Alexander Jaudas, and Alexander Ritschel, **Judgment and Decision Making**, 16(1), Jan 2021, pp. 57–93.
73. [2021] “Choice Consistency and Strength of Preference,” Carlos Alós-Ferrer and Michele Garagnani, **Economics Letters**, 198, January 2021, Article 109672.
72. [2020] “Reduced Normal Forms Are Not Extensive Forms,” Carlos Alós-Ferrer and Klaus Ritzberger, **Economic Theory Bulletin**, 8(2), October 2020, 281–288.
71. [2020] “The Cognitive Foundations of Cooperation,” Carlos Alós-Ferrer and Michele Garagnani, **Journal of Economic Behavior and Organization**, 175, July 2020, pp. 71–85.
70. [2019] “Trust Games and Beyond,” Carlos Alós-Ferrer and Federica Farolfi, **Frontiers in Neuroscience**, 13, September 2019, Article 887, pp. 1–16.
69. [2019] “Habituation Does Not Rescue Depletion: Two Tests of the Ego-Depletion Effect,” Carlos Alós-Ferrer, Alexander Ritschel, Jaume García-Segarra, and Anja Achtziger, **Journal of Economic Psychology**, 75A, December 2019, Article ID 102122.
68. [2019] “Strongly Sincere Best Responses under Approval Voting and Arbitrary Preferences,” Carlos Alós-Ferrer and Johannes Buckenmaier, **Games and Economic Behavior**, 117, September 2019, 388–401.
67. [2019] “True to Which Self? Lay Rationalism and Decision Satisfaction in Self-Control Conflicts,” Michail D. Kokkoris, Erik Hoelzl, and Carlos Alós-Ferrer, **Journal of Personality and Social Psychology**, 117, August 2019, 417–447.
  - *Press Coverage:* Der Standard (AT, Sept 2019) Der Standard (AT, July 2019), Blick (CH, July 2019), TagBlatt (CH, July 2019), Supermed (AT, July 2019), Science.ORF (AT, July 2019), L’essentiel (LU, July 2019)
66. [2018] “Anchoring on Utopia: A Generalization of the Kalai-Smorodinsky Solution,” Carlos Alós-Ferrer, Jaume García-Segarra, and Miguel Ginés-Vilar, **Economic Theory Bulletin**, 6(2), October 2018, 141–155.
65. [2018] “The Reinforcement Heuristic in Normal Form Games,” Carlos Alós-Ferrer and Alexander Ritschel, **Journal of Economic Behavior and Organization**, 152, August 2018, 224–234.
64. [2018] “Social Preferences and Self-Control,” Anja Achtziger, Carlos Alós-Ferrer, and Alexander K. Wagner, **Journal of Behavioral and Experimental Economics**, 74, June 2018, 161–166.

63. [2018] “A Dual-Process Diffusion Model,” Carlos Alós-Ferrer, **Journal of Behavioral Decision Making**, 31 (2), April 2018, 203–218.
62. [2018] “A Review Essay on Social Neuroscience: Can Research on the Social Brain and Economics Inform Each Other?,” Carlos Alós-Ferrer, **Journal of Economic Literature**, 56 (1), March 2018, 1–31.
  - Covered as Research Highlight by the American Economic Association.
  - Italian translation: *Sistemi Intelligenti*, XXX (2), August 2018, 229–274.
61. [2018] “Performance Curiosity,” Carlos Alós-Ferrer, Jaume García-Segarra, and Alexander Ritschel, **Journal of Economic Psychology**, 64, February 2018, Pages 1–17.
60. [2017] “Cournot vs. Walras: A Reappraisal through Simulations,” Carlos Alós-Ferrer and Johannes Buckenmaier, **Journal of Economic Dynamics and Control**, 82, September 2017, 257–272.
59. [2017] “Super-Additivity and Concavity are Equivalent for Pareto Optimal  $n$ -Agent Bargaining Solutions,” Carlos Alós-Ferrer, Jaume García-Segarra, and Miguel Ginés-Vilar, **Economics Letters**, 157, August 2017, 50–52.
58. [2017] “Framing Effects and the Reinforcement Heuristic,” Carlos Alós-Ferrer, Sabine Hügelschäfer and Jiahui Li, **Economics Letters**, 156, July 2017, 32–35.
57. [2017] “Does Backward Induction Imply Subgame Perfection?,” Carlos Alós-Ferrer and Klaus Ritzberger, **Games and Economic Behavior**, 103, May 2017, 19–29.
56. [2017] “Characterizations of Perfect Recall,” Carlos Alós-Ferrer and Klaus Ritzberger, **International Journal of Game Theory**, 46(2), May 2017, 311–326.
55. [2017] “Market Selection by Boundedly-Rational Traders under Constant Returns to Scale,” Carlos Alós-Ferrer and Georg Kirchsteiger, **Economics Letters**, 153, April 2017, 51–53.
54. [2017] “On the Convergence of Logit-Response to (Strict) Nash Equilibria,” Carlos Alós-Ferrer and Nick Netzer, **Economic Theory Bulletin**, 5(1), April 2017, 1–8.
53. [2017] “Trader Matching and the Selection of Market Institutions,” Carlos Alós-Ferrer and Johannes Buckenmaier, **Journal of Mathematical Economics**, 69, February 2017, 118–127.
52. [2017] “Characterizing Existence of Equilibrium for Large Extensive Form Games: A Necessity Result,” Carlos Alós-Ferrer and Klaus Ritzberger, **Economic Theory**, 63 (2), February 2017, 407–430.
51. [2016] “Faith in Intuition and Cognitive Reflection,” Carlos Alós-Ferrer and Sabine Hügelschäfer, **Journal of Behavioral and Experimental Economics**, 64, October 2016, pp. 61–70.



50. [2016] “Cognitive Reflection, Decision Biases, and Response Times,” Carlos Alós-Ferrer, Michele Garagnani and Sabine Hügelschäfer, **Frontiers in Psychology**, 7, Article 1402, September 2016, pp. 1–21.
  49. [2016] “The Impact of Self-Control Depletion on Social Preferences in the Ultimatum Game,” Anja Achtziger, Carlos Alós-Ferrer, and Alexander K. Wagner, **Journal of Economic Psychology**, 53, April 2016, pp. 1–16.
  48. [2016] “Preference Reversals: Time and Again,” Carlos Alós-Ferrer, Đura-Georg Granić, Johannes Kern, and Alexander K. Wagner, **Journal of Risk and Uncertainty**, 52 (1), February 2016, pp. 65–97.
  47. [2016] “Inertia and Decision Making,” Carlos Alós-Ferrer, Sabine Hügelschäfer, and Jiahui Li, **Frontiers in Psychology**, 7, Article 169, February 2016, pp. 1–9.
  46. [2016] “Equilibrium Existence for Large Perfect Information Games,” Carlos Alós-Ferrer and Klaus Ritzberger, **Journal of Mathematical Economics**, 62, January 2016, pp. 5–18.
  45. [2015] “Self-Control Depletion and Decision Making,” Carlos Alós-Ferrer, Sabine Hügelschäfer, and Jiahui Li, **Journal of Neuroscience, Psychology, and Economics**, 8(4), December 2015, pp. 203–216.
  44. [2015] “Repeated Games in Continuous Time as Extensive Form Games,” Carlos Alós-Ferrer and Johannes Kern, **Journal of Mathematical Economics**, 61, December 2015, pp. 34–57.
  43. [2015] “Higher Incentives Can Impair Performance: Neural Evidence on Reinforcement and Rationality,” Anja Achtziger, Carlos Alós-Ferrer, Sabine Hügelschäfer, and Marco Steinhauser, **Social Cognitive and Affective Neuroscience**, 10 (11), November 2015, pp. 1477–1483.
  42. [2015] “Learning and Market Clearing: Theory and Experiments,” Carlos Alós-Ferrer and Georg Kirchsteiger, **Economic Theory**, 60 (2), October 2015, pp. 203–241.
  41. [2015] “On the Characterization of Preference Continuity by Chains of Sets,” Carlos Alós-Ferrer and Klaus Ritzberger, **Economic Theory Bulletin**, 3 (2), October 2015, pp. 115–128.
  40. [2015] “Political Space Representations with Approval Data,” Carlos Alós-Ferrer and Đura-Georg Granić, **Electoral Studies**, 39, September 2015, pp. 56–71.
  39. [2015] “Money, Depletion, and Prosociality in the Dictator Game,” Anja Achtziger, Carlos Alós-Ferrer, and Alexander K. Wagner, **Journal of Neuroscience, Psychology, and Economics**, 8(1), March 2015, pp. 1–14.
- *Press Coverage:* Pacific Standard.
38. [2015] “Robust Stochastic Stability,” Carlos Alós-Ferrer and Nick Netzer, **Economic Theory**, 58 (1), January 2015, pp. 31–57.

37. [2015] “Choice-Induced Preference Change and the Free-Choice Paradigm: A Clarification,” Carlos Alós-Ferrer and Fei Shi, **Judgment and Decision Making**, 10(1), January 2015, pp. 34–49.
36. [2014] “Imitation and the Role of Information in Overcoming Coordination Failures,” Carlos Alós-Ferrer and Simon Weidenholzer, **Games and Economic Behavior**, 87, September 2014, pp. 397–411.
35. [2014] “Fast or Rational? A Response-Times Study of Bayesian Updating,” Anja Achtziger and Carlos Alós-Ferrer, **Management Science**, 60 (4), April 2014, pp. 923–938.
34. [2014] “From Dual Processes to Multiple Selves: Implications for Economic Behavior,” Carlos Alós-Ferrer and Fritz Strack, **Journal of Economic Psychology**, 41, April 2014, pp. 1–11.
33. [2014] “Adaptive Preferences and Institutional Stability: Comment,” Carlos Alós-Ferrer, **Journal of Institutional and Theoretical Economics**, 170 (1), February 2014, pp. 37–42.
32. [2014] “The Neural Basis of Belief Updating and Rational Decision Making,” Anja Achtziger, Carlos Alós-Ferrer, Sabine Hügelschäfer, and Marco Steinhauser, **Social Cognitive and Affective Neuroscience**, 9 (1), January 2014, pp. 55–62.
31. [2013] “Hidden Symmetries and Focal Points,” Carlos Alós-Ferrer and Christoph Kuzmics, **Journal of Economic Theory**, 148 (1), January 2013, pp. 226–258.
30. [2013] “Large Extensive Form Games,” Carlos Alós-Ferrer and Klaus Ritzberger, **Economic Theory**, 52 (1), January 2013, pp. 75–102.
29. [2012] “Choices and Preferences: Evidence from Implicit Choices and Response Times,” Carlos Alós-Ferrer, Đura-Georg Granić, Fei Shi, and Alexander K. Wagner, **Journal of Experimental Social Psychology**, 48 (6), November 2012, pp. 1336–1342.
28. [2012] “Job Market Signaling and Employer Learning,” Carlos Alós-Ferrer and Julien Prat, **Journal of Economic Theory** 147 (5), September 2012, pp. 1787–1817.
27. [2012] “Faith in Intuition and Behavioral Biases,” Carlos Alós-Ferrer and Sabine Hügelschäfer, **Journal of Economic Behavior and Organization** 84 (1), September 2012, pp. 182–192.
26. [2012] “Two Field Experiments on Approval Voting in Germany,” Carlos Alós-Ferrer and Đura-Georg Granić, **Social Choice and Welfare** 39 (1), June 2012, pp. 171–205.
25. [2012] “Imitation with Asymmetric Memory,” Carlos Alós-Ferrer and Fei Shi, **Economic Theory** 49 (1), Jan 2012, pp. 193–215.
24. [2011] “Comments on ‘Trees and Extensive Forms’,” Carlos Alós-Ferrer, Johannes Kern, and Klaus Ritzberger, **Journal of Economic Theory** 146 (5), Sept 2011, pp. 2165–2168.
23. [2010] “General Equilibrium and the Emergence of (Non) Market Clearing Trading Institutions,” Carlos Alós-Ferrer and Georg Kirchsteiger. **Economic Theory** 44 (3), Sept 2010, pp. 339–360.

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22. [2010] “Best-response Dynamics in a Birth-Death Model of Evolution in Games,” Carlos Alós-Ferrer and Ilja Neustadt. **International Game Theory Review**, June 2010, 12 (2), pp. 197–204.
  21. [2010] “On the Evolution of Market Institutions: The Platform Design Paradox,” Carlos Alós-Ferrer, Georg Kirchsteiger, and Markus Walzl. **Economic Journal** 120 (543), March 2010, pp. 215–243.
  20. [2010] “The Logit-Response Dynamics,” Carlos Alós-Ferrer and Nick Netzer. **Games and Economic Behavior** 68 (2), March 2010, pp. 413–427.
  19. [2008] “Contagion and Efficiency,” Carlos Alós-Ferrer and Simon Weidenholzer. **Journal of Economic Theory** 143 (1), Nov 2008, pp. 251–274.
  18. [2008] “Trees and Extensive Forms,” Carlos Alós-Ferrer and Klaus Ritzberger. **Journal of Economic Theory** 143 (1), Nov 2008, pp. 216–250.
  17. [2008] “Learning, Bounded Memory, and Inertia,” Carlos Alós-Ferrer, **Economics Letters** 101 (2), Nov 2008, pp. 134–136.
  16. [2007] “Partial Bandwagon Effects and Local Interactions,” Carlos Alós-Ferrer and Simon Weidenholzer. **Games and Economic Behavior** 61 (2), Nov 2007, pp. 179–197.
  15. [2007] “Nash Equilibria for non-binary choice rules,” Carlos Alós-Ferrer and J.C.R. Alcántud. **International Journal of Game Theory** 35 (3), Feb 2007, pp. 455–464.
  14. [2006] “A Simple Characterization of Approval Voting,” Carlos Alós-Ferrer, **Social Choice and Welfare** 27 (3), Dec 2006, pp. 621–625.
  13. [2006] “Imitation, Local Interactions, and Efficiency,” Carlos Alós-Ferrer and Simon Weidenholzer. **Economics Letters** 93 (2), Nov 2006, pp. 163–168.
  12. [2006] “The Discretization of Continuum Strategy Spaces,” Carlos Alós-Ferrer, **International Game Theory Review** 8 (3), Sept 2006, pp. 499–514.
  11. [2005] “The Evolutionary Stability of Perfectly Competitive Behavior,” Carlos Alós-Ferrer and Ana B. Ania. **Economic Theory** 26 (3), Oct 2005, pp. 497–516.
- *Press Coverage:* Die Presse (21.3.2004)
10. [2005] “Trees and Decisions,” Carlos Alós-Ferrer and Klaus Ritzberger. **Economic Theory** 25 (4), June 2005, pp. 763–798.
  9. [2005] “The Asset Market Game,” Carlos Alós-Ferrer and Ana B. Ania. **Journal of Mathematical Economics** 41 (1-2), Feb 2005, pp. 67–90.
  8. [2005] “Some Remarks on Pseudotrees,” Carlos Alós-Ferrer and Klaus Ritzberger. **Order** 22 (1), Feb 2005, pp. 1–9.

7. [2004] “Cournot vs. Walras in Dynamic Oligopolies with Memory,” Carlos Alós-Ferrer, **International Journal of Industrial Organization** 22 (2), Feb 2004, pp. 193–217.
6. [2003] “Finite Population Dynamics and Mixed Equilibria,” Carlos Alós-Ferrer, **International Game Theory Review** 5 (3), Sept 2003, pp. 263–290.
5. [2003] “A Comment on ‘The Selection of Preferences through Imitation’,” Carlos Alós-Ferrer and Manfred Nermuth. **Economics Bulletin** 3 (7), 2003, pp. 1–9.
4. [2002] “Random Matching of Several Infinite Populations,” Carlos Alós-Ferrer, **Annals of Operations Research** 114, Aug 2002, pp. 33–38.
3. [2001] “Local Equilibria in Economic Games,” Carlos Alós-Ferrer and Ana B. Ania. **Economics Letters** 70 (2), Feb 2001, pp. 165–173.
2. [2000] “An Evolutionary Model of Bertrand Oligopoly,” Carlos Alós-Ferrer, Ana B. Ania, and K.R. Schenk-Hoppé. **Games and Economic Behavior** 33 (1), Oct 2000, pp. 1–19.
1. [1999] “Dynamical Systems with a Continuum of Randomly Matched Agents,” Carlos Alós-Ferrer, **Journal of Economic Theory** 86 (2), June 1999, pp. 245–267.

## 8 Other Publications (Book Chapters, Other-Language Articles, etc)

15. [2020] “Behavioral Rules,” Carlos Alós-Ferrer and Johannes Buckenmaier, in: C. Monica Capra, Rachel Croson, Mary Rigdon and Tanya Rosenblat (Eds.), “Handbook of Experimental Game Theory,” Cheltenham, UK and Northampton, MA, USA: Edward Elgar Publishing.
14. [2020] “At the eve of the 40th anniversary of the Journal of Economic Psychology: Standards, practices, and challenges” (Editorial), Carlos Alós-Ferrer and Eldad Yechiam, *Journal of Economic Psychology* 80, October 2020, 102309.
13. [2019] “Intervista a Carlos Alós-Ferrer,” interview by Pietro Terna, *Sistemi Intelligenti*, 3, December 2019, pp. 633–638.
12. [2017] “Entscheiden aus (mikro-)ökonomischer Perspektive,” *Unterricht: Wirtschaft + Politik*, 4/2017, pp. 2-7 (“Basisartikel”).
11. [2016] “Economic Behavior and the Reflective-Impulsive Duality.” In: Roland Deutsch, Bertram Gawronski, and Wilhelm Hofmann (Eds.), “Reflective and Impulsive Determinants of Human Behavior,” Routledge, pp. 205-222.
10. [2016] “Cognitive Dissonance” in *The Sage Encyclopedia of War: Social Science Perspectives*, November 2016, Paul I. Joseph (ed), Sage Publications, Thousand Oaks, California.
9. [2016] “Spain” in *The Sage Encyclopedia of War: Social Science Perspectives*, November 2016, Paul I. Joseph (ed), Sage Publications, Thousand Oaks, California.

8. [2014] “Intuition und Rationales Entscheiden – Aktuelle Erkenntnisse zu grundlegenden Prozessen ökonomischer Entscheidungsfindung,” Anja Achtziger and Carlos Alós-Ferrer, *SEM Radar, Zeitschrift für Systemdenken und Entscheidungsfindung im Management*, 2014/1, pp. 1–10.
7. [2012] “Augen Auf und Durch!,” Anja Achtziger and Carlos Alós-Ferrer, Gastkommentar, *Econo* 2/2012 (December 21st), pp. 44–45.
6. [2010] “Games: An Interdisciplinary Open-Access Journal” (Editorial), *Games* 1, 1–2.
5. [2010] “Approval Voting in Germany: Description of a Field Experiment,” Carlos Alós-Ferrer and Đura-Georg Granić. In: Laslier, J.F. and Sanver, M.R. (Eds.), “Handbook on Approval Voting,” Springer Verlag, 2010, pp. 397–411.
4. [2009] “Imitation and Learning,” Carlos Alós-Ferrer and Karl Schlag. In: Anand, P., Pattanaik, P., Puppe, C. (Eds.), “Handbook of Social and Rational Choice,” Oxford University Press, 2009, pp. 271–297.
3. [2009] “Do People Update Beliefs? A Critical Review and Some New Evidence,” Anja Achtziger and Carlos Alós-Ferrer. In: Franz, W., Güth, W., Ramser, H.-J., Stadler, M. (Eds.), “Experimentelle Wirtschaftsforschung,” 38. Wirtschaftswissenschaftliches Seminar Ottobeuren, Mohr Siebeck 2009.
2. [2004] “Teoría de Juegos e Historia Económica: una simbiosis necesaria,” *Información Comercial Española - Revista de Economía*, No. 812, Jan 2004, pp. 27–33.
1. [1999] “An Evolutionary Model of Market Structure,” Carlos Alós-Ferrer, Ana B. Ania and Fernando Vega Redondo. In: van der Laan, G., Herings, P.J.J., Talman, A.J.J. (Eds.), “The Theory of Markets,” North Holland, Amsterdam, 1999.

## 9 Book

- (2016) “The Theory of Extensive Form Games,” 2016, Carlos Alós-Ferrer and Klaus Ritzberger, Springer Verlag (Springer Series in Game Theory, Official Series of the Game Theory Society).

## 10 Teaching

### ◇ University of Zurich (Switzerland), 2018-... :

*Ph.D. level:* Neuroeconomic Foundations of Decision Making, Decision Theory for Neuroeconomists, Behavioral Economic Theory.

*Master level:* Neuroeconomic Theory (Seminar)

*Bachelor level:* Introduction to Game Theory, Topics in Game Theory (Seminar).

### ◇ University of Cologne (Germany), 2012-2018:

*Ph.D. level:* Behavioral Economic Theory.

*Master Level:* Advanced Microeconomics II (Game Theory), Social Choice and Voting Methods, Topics in Decision and Game Theory (Seminar).

*Bachelor level:* Game Theory and Strategic Thinking, Behavioral Decision Theory, Topics in Psychoeconomics (Seminar).

◇ **University of Konstanz (Germany), 2005-2012:**

*Ph.D. level:* Advanced Game Theory, Economic Theory Seminar.

*Master Level:* Advanced Microeconomics, Industrial Organization, Social Choice, Microeconomics Seminar.

*Bachelor level:* Microeconomics II (Game Theory), Introduction to Decision Theory, Spieltheorie für Sozialwissenschaftler (Seminar).

◇ **University of Vienna (Austria), 1997-2005:**

*Lectures:* Game Theory II, Social Choice, Social Learning, Dynamical Models in Economics, Evolutionary Models and Applications, Learning and Bounded Rationality (Ph.D.), Equilibrium Selection in Games (Ph.D.).

*Tutorials:* Microeconomics, Game Theory I, Industrial Organization.

◇ **University of Salamanca (Spain), 2002-2004:**

Mathematics for Business Administration, Optimization Methods for Business Administration, Game Theory.

◇ **University of Alicante (Spain), 1993-1995:**

Mathematics for Business Administration, Mathematics for Economists.

◇ **Courses taught as External Faculty:**

- Mathematics II, New York University Abu Dhabi (Spring Term, 2022).
- Advanced Game Theory, New York University Abu Dhabi (Spring Term, 2020).
- (Economic) Decisions and the Brain, New York University Abu Dhabi (J-Term, 2018; Spring Term, 2020; Spring Term, 2022).
- NeuroPsychoEconomics, New York University Abu Dhabi (Fall 2, 2016; Spring 1, 2019).
- Introduction to NeuroPsychoEconomics (Ph.D.), Max Planck Summer School (IMPRS), University of Jena (August 2016).
- Stochastic Learning in Games (Ph.D.), Max Planck Summer School, MPI Jena (Germany) (August 2010).
- Advanced Microeconomics, University of St.Gallen (WS 2008/09)
- Stochastic Evolutionary Games (Ph.D.), Department of Economics, University of Bielefeld (Germany) (October 2007).
- Social Choice (Ph.D.), Institute for Advanced Studies, Vienna (Austria) (March 2007).
- Advanced Game Theory (Ph.D.), University of Konstanz (Germany) (March 2005).
- Mathematics for Economists (Ph.D.), Institute for Advanced Studies, Vienna (Austria) (WS 2004/05)

## 11 Ph.D. Supervision and Student Placement

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

Simon Weidenholzer is now (tenured) Professor at the University of Essex.

2008 **Nick Netzer**, University of Konstanz. Ph.D. Thesis: “Risk, Behavior, and Evolution” (joint supervision with F. Breyer).

Nick Netzer is now (tenured) Professor at the University of Zurich.

2010 **Fei Shi**, University of Konstanz. Ph.D. Thesis: “Three Essays in Asymmetric Information and Learning in Games”.

Fei Shi was Assistant Professor at Shanghai Jiao-Tong University before moving to the private sector.

2013 **Đura-Georg Granić**, University of Konstanz. Ph.D. Thesis: “Essays on Approval Voting and Choice-Induced Attitude Change.”

Đura-Georg Granić is now (tenured) Associate Professor at Erasmus University Rotterdam.

2014 **Johannes Kern**, University of Cologne. Ph.D. Thesis: “Four Essays on Decision and Game Theory”.

Johannes Kern completed his dissertation and moved to the private sector.

2017 **Johannes Buckenmaier**, University of Cologne. Ph.D. Thesis: “Evolution, Bounded Rationality and Institutions.”

Johannes Buckenmaier is now a post-doctoral researcher at the University of Zurich.

2019 **Alexander Ritschel**, University of Cologne. Ph.D. Thesis: “Social Preferences, Behavioral Rules, and Response Times.”

Alexander Ritschel is now a post-doctoral researcher at the University of Zurich.

2020 **Michele Garagnani**, University of Zurich. Ph.D. Thesis: “Errors and Heterogeneity in Economics.”

Michele Garagnani will join Bocconi University as a post-doctoral researcher in October 2022.

## 12 Organization of Workshops and Conferences

2018 Scientific and local organizer of the NeuroPsychoEconomics Conference 2018, Zurich (May).

2012-2018 One-day Workshop Series “Psychoeconomics” at the Universities of Cologne, Konstanz, and Zeppelin University Friedrichshafen. Around four workshops per year (Scientific Organizer).

2014-2015 First, Second, and Third Workshops on Motivation and Self-Control, University of Cologne (Main Organizer).

2010 Psychoeconomics Winter Workshop, Konstanz (Germany) (main organizer) (December).

- 2008 Konstanz-Strasbourg Doctoral Workshop on Game Theory (main organizer, jointly with Paul Pezanis-Christou) (October).
- 2005 Fourth Workshop on Behavioral Models in Economics and Finance, Vienna (Austria) (main organizer, jointly with Manfred Nermuth) (September).
- 2003 Second Workshop on Behavioral Models in Economics and Finance, Salamanca (Spain) (main organizer, jointly with José Manuel Gutiérrez-Díez) (September).
- 2002 First Workshop on Behavioral Models in Economics and Finance, Vienna (Austria) (member of the organizing committee) (September).

### 13 Talks at conferences/seminars (since 2018)

- ◇ Invited Talk: Online Social Choice and Welfare Seminar, planned: November 2022.
- ◇ Invited Talk: nEuro-economics Seminar, ENS Paris, planned: October 2022.
- ◇ Invited Talk: Behavior Seminar, Paris School of Economics, September 2022.
- ◇ Invited Talk: Decision Experience and Behavior (DEB) Seminar, August 2022, online.
- ◇ Conference Talk: Foundations of Utility and Risk (FUR), planned: July 2022, Ghent (The Netherlands)
- ◇ **Plenary Talk:** Learning and Evolutionary Games (LEG), IMT Lucca, planned: July 2022
- ◇ Invited Talk: University of Bielefeld, May 2022
- ◇ Conference Talk: Econometric Society European Winter Meeting, December 2021
- ◇ Invited Talk: Brown University (USA), November 2021
- ◇ **Plenary Talk:** Asia Conference on Business and Economic Studies (ACBES), Vietnam, August 2021
- ◇ Invited Talk: Networks Seminar, ETH Zurich, September 2021
- ◇ Conference Talk: GAMES World Conference, July 2021.
- ◇ Invited Talk: University of Edinburgh Business School (UK), May 2021
- ◇ Invited Talk: NYU Abu Dhabi, January 2021
- ◇ **Plenary Talk:** Spanish Network of Experimental Economists, Spain, December 2020
- ◇ Workshop: Psychoeconomics Final Conference, Konstanz, October 2019.
- ◇ Conference Talk and Editor's Address: IAREP (International Association for Research in Economic Psychology), Dublin, September 2019.
- ◇ Conference Talk: Society for Economic Measurement, Frankfurt, August 2019.
- ◇ Workshop: Psychoeconomics, Konstanz, July 2019
- ◇ Conference Talk: Society for the Advancement of Economic Theory (SAET), Ischia, Italy, July 2019.
- ◇ Invited Talk: Maastricht University (Department of Quantitative Economics), June 2019



- ◇ Workshop: Stochastic Choice, Barcelona Graduate School of Economics, June 2019
- ◇ Workshop: Bounded Rationality, Barcelona Graduate School of Economics, June 2019
- ◇ **Plenary Talk:** Italian Association of Cognitive Sciences (IASC), IMT Lucca (Italy), May 2019
- ◇ Workshop, “Theoretischer Ausschuss,” Berlin, May 2019
- ◇ Invited Talk, Bocconi University, April 2019
- ◇ Workshop: International Symposium in Experimental Economics (iSEE), New York University Abu Dhabi, March 2019
- ◇ Invited Talk: Shanghai Jiao-Tong University, China, November 2018
- ◇ **Plenary Talk:** International Conference in Neuroeconomics and Neuromanagment (ICNN), Zhejiang, China, November 2018
- ◇ Invited Talk: University of Basel (Dept. of Psychology), October 2018
- ◇ Workshop: Behavioral Decision Making, university of Konstanz, October 2018
- ◇ **Plenary Talk and Roundtable:** Graduate School of Decision Sciences Closing Conference, University of Konstanz, September 2018
- ◇ **Plenary Talk:** Maastricht Neuroeconomic Talks, Maastricht University, April 2018.