

CHRISTOPH ALEXANDER KUZMICS
CURRICULUM VITAE
SEPTEMBER 2019

Citizenship: Austrian

Married

Children: Felix James (born September 2009)

Oscar Charles (born November 2011)

CURRENT POSITION (SINCE OCTOBER 2015)

Professor of Microeconomics
Department of Economics
University of Graz
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8010 Graz
Austria
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url: <https://homepage.uni-graz.at/de/christoph.kuzmics/>
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PREVIOUS POSITIONS

Professor of Economic Theory, Center for Mathematical Economics (IMW), Fakultät für Wirtschaftswissenschaften, April 2011 – September 2015

Vice Dean (Prodekan) of the Fakultät für Wirtschaftswissenschaften, Bielefeld University, October 2013 – October 2015

Assistant Professor for Managerial Economics and Decision Sciences, J. L. Kellogg School of Management, Northwestern University, Evanston, USA, September 2004 – March 2011.

Donald P Jacobs Scholar for Managerial Economics and Decision Sciences, J. L. Kellogg School of Management, Northwestern University, Evanston, USA, September 2003 – August 2004.

Project assistant, Department of Finance, Institute for Advanced Studies, Vienna, Austria, September 1998 – September 1999.

Sabbatical research visits (of at least 2 months duration): Kyoto Institute of Economic Research, Kyoto, Japan, Spring 2014; Simon Fraser University, Burnaby, Canada, Spring/Summer 2014; California Institute of Technology, Pasadena, Spring/Summer 2018

EDUCATION

PhD Economics (Advisor Hamid Sabourian, Examiners Robert Evans and Ed Hopkins), University of Cambridge, UK, 2004

MPhil Economics, University of Cambridge, UK, 2002

Master (Diplom) in Quantitative Finance, Institute for Advanced Studies, Vienna, Austria, 1998

RESEARCH INTERESTS

Game Theory, Decision Theory, Economic Theory, Information and Communication, Welfare Economics

PUBLICATIONS (IN REFEREED JOURNALS)

- [1] Optimal window-width choice in spectral density estimation: Review and simulation, with Ines Fortin, *Journal of Statistical Computation and Simulation*, 2000, **67**, 109-131.
- [2] Tail-dependence in stock-return pairs, with Ines Fortin, *International Journal of Intelligent Systems in Accounting Finance and Management*, 2002, **11**, 89-107.
- [3] Stochastic evolutionary stability in extensive form games of perfect information, *Games and Economic Behavior*, 2004, **48**, 321-36.
- [4] Representative consumer's risk aversion and efficient risk-sharing rules (with Chiaki Hara and James Huang), *Journal of Economic Theory*, 2007, **137**, 652-72.
- [5] Evolutionary stability of discrimination under observability (with Florian Herold), *Games and Economic Behavior*, 2009, **67**, 542-551.
- [6] Effects of background risks on cautiousness with an application to a portfolio choice problem (with Chiaki Hara and James Huang), *Journal of Economic Theory*, 2011, **146** (1), 346-358.
- [7] On the elimination of dominated strategies in stochastic models of evolution with large populations, *Games and Economic Behavior*, 2011, **72** (2), 452-466.
- [8] A Comment on "Egalitarianism and Efficiency in Repeated Symmetric Games" by V. Bhaskar [Games Econ. Behav. 32 (2000) 247-262] (with Brian Rogers), *Games and Economic Behavior*, 2012, **74** (1), 240-242.
- [9] Pre-election polls as strategic coordination devices (with Costel Andonie), *Journal of Economic Behavior and Organization*, 2012, **84** (2), 681-700.
- [10] Refined best-response correspondence and dynamics (with Dieter Balkenborg and Josef Hofbauer), *Theoretical Economics*, 2013, **8** (1), 165-192.
- [11] Hidden symmetries and focal points (with Carlos Alos-Ferrer), *Journal of Economic Theory*, 2013, **148** (1), 226-258.
- [12] Symmetric play in repeated allocation games (with Tom Palfrey and Brian Rogers), *Journal of Economic Theory*, 2014, **154**, 25-67.
- [13] The refined best-response correspondence in normal form games (with Dieter Balkenborg and Josef Hofbauer), *International Journal of Game Theory*, 2015, **44** (1), 165-193.
- [14] On Public Good Provision with Dominant Strategies and Balanced Budget (with Jan-Henrik Steg), *Journal of Economic Theory*, 2017, **170**, 56-69.
- [15] Abraham Wald's Complete Class Theorem and Knightian Uncertainty, *Games and Economic Behavior*, 2017, **104**, 666-673.
- [16] The refined best-response correspondence and backward induction (with Dieter Balkenborg and Josef Hofbauer), *German Economic Review*, 2019, **20**(1), 52-66.
- [17] A note on "Renegotiation in repeated games" (with Michael Günther and Antoine Salomon), *Games and Economic Behavior*, 2019, **114**, 318-323.

- [18] Preferences Under Ignorance (with Olivier Gossner), *International Economic Review*, 2019, 60 (1), 241-257.
- [19] A case of evolutionarily stable attainable equilibrium in the laboratory (with Daniel Rodenburger), *Economic Theory*, forthcoming.
- [20] Efficiency based measures of inequality (with Costel Andonie and Brian Rogers), *Journal of Mathematical Economics*, accepted.
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WORKING PAPERS

- Renegotiation and coordination with private values (with Yuval Heller), September 2019.
 - On the predictive power of theories of one-shot play (with Philipp K lpmann), August 2019.
 - Is Ellsberg behavior evidence of ambiguity aversion? (with Brian Rogers and Xiannong Zhang), August 2019.
 - Limit orders under Knightian uncertainty (with Michael Greinecker), February 2019.
 - The distribution of article quality and inefficiencies in the market for scientific journals (with Philipp Kohlgruber), October 2017.
 - The evolution of taking roles (with Florian Herold), August 2017.
 - A necessary condition for symmetric completely mixed Nash equilibria (with Florian Herold), August 2017.
 - Cognitive Empathy in Conflict Situations (with Florian Gauer), revised July, 2017.
 - The (Non-)Robustness of Influential Cheap Talk Equilibria When the Sender's Preferences are State-Independent (with Christoph Diehl), January 2014. Previous version: The (non-)robustness of influential cheap talk equilibria, October 2013.
 - Coordination with Independent Private Values: Why Pedestrians Sometimes Bump into Each Other, February 2014.
 - An incomplete information justification of symmetric equilibrium in symmetric games (with Brian Rogers), November 2010.
 - The evolution of moral codes of behavior (with Carlos Rodriguez-Sickert), revised May 2009.
 - Individual and group selection in symmetric 2-player games, revised November 2003.
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FORMER PHD STUDENTS

Costel Andonie (in PhD committee - on "Coordination and Voting", PhD awarded 2011, now at University of Chicago), *Christopher Gertz* (on "The Role of Information in Markets with Quality Uncertainty", 2014), *Nikoleta S ceki c* (on "Information Uncertainty in Auction Theory", 2016), *Philipp K lpmann* (on "Essays on Teamwork", 2016, now at University of Vienna), *Johannes Timisina* (co-advised - on "Simulation Methods in Economic Dynamics", 2016), *Florian Gauer* (on "Strategic interaction and socio-economic structure", 2016), *Michael G nther* (on "Renegotiation in Repeated Games", 2017), *Simon Schopohl* (co-advised on "Essays on Communication and Information Transmission", 2017), *Ghislain Herman Demeze-Jouatsa* (on "Finitely Repeated Games", 2019)

My students have so far published in the following journals out of their PhD thesis: (a comment in) *Econometrica*, *Journal of Economic Behavior and Organisation*, *Computers and Operations Research*, *Journal of Environmental and Economics Management*, *Games and Economic Behavior* (2), *Economics Letters*.

CURRENT PHD STUDENTS

Elena Orlowa (co-advisor - on “Evolution of Preferences”)

CONFERENCE AND SEMINAR PRESENTATIONS

Conference of the Society for the Advancement of Economic Theory (SAET), Isachia, Italy, July 2019
Conference on “Learning, Evolution, and Games” (LEG2), Tel Aviv, Israel, June 2019
Seminar, Experimental Economics Group, University of Vienna, Austria, November 2018
Seminar, Dept of Economics, Vienna University of Economics and Business, Austria, October 2018
Workshop on Game Theory, Bielefeld, Germany, September 2018
Conference on “Learning, Evolution, and Games” (LEG1), Lund, Sweden, June 2018
Lunch Talk, Economic Theory Group, California Institute of Technology, Pasadena, USA, 31 May 2018
Lunch Talk, Economic Theory Group, California Institute of Technology, Pasadena, USA, 24 May 2018
Seminar, Dept of Economics, University of California, San Diego, USA, May 2018
Seminar, Dept of Economics, University of California, Irvine, USA, May 2018
Seminar, Dept of Economics, University of Minnesota, Minneapolis, USA, April 2018
Seminar, Dept of Economics, University of Arizona, Tucson, USA, March 2018
Seminar, Economic Theory Group, California Institute of Technology, Pasadena, USA, February 2018
Seminar, Dept of Economics, Bilkent University, Ankara, Turkey, November 2017
Seminar, Dept of Business Administration, University of Zurich, Switzerland, September 2017
Seminar, Dept of Zoology, University of Graz, Austria, May 2017
Seminar, Dept of Economics, Bar Ilan University, Israel, May 2017
Session of “Theoretischer Ausschuss des Verein für Socialpolitik”, Berlin, Germany, May 2017
Seminar, Dept of Statistics, Graz University of Technology, Graz, Austria, January 2017
Seminar, Dept of Economics, University of Linz, Austria, November 2016
Organizer (with Alp Atakan) of the 2nd Occasional Workshop on Economic Theory, Graz, Austria, September 10 & 11, 2016
Seminar, Dept of Economics, University of Innsbruck, Austria, April 2016
Seminar, Dept of Economics, University of Vienna, and Institute of Advanced Studies, Vienna, Austria, April 2016
Seminar, Dept of Economics, CERGE-EI Prague, Czech Republic, October 2015
Conference of the Society for the Advancement of Economic Theory (SAET), Cambridge, UK, July 2015
Workshop “Knightian Uncertainty in Strategic Interactions and Markets”, Bielefeld, June 2015
Session of “Theoretischer Ausschuss des Verein für Socialpolitik”, Berlin, Germany, May 2015
Seminar, Dept of Economics, University of London, Birkbeck, UK, May 2015
Seminar, Dept of Economics, University of Bonn, Germany, November 2014
Seminar, Dept of Economics, University of Innsbruck, Austria, October 2014
Seminar, Dept of Economics, University of Michigan, Ann Arbor, USA, October 2014
Seminar, Dept of Economics, Washington University, St Louis, USA, October 2014
Invited Session Speaker at the Conference of the “Verein fuer Socialpolitik”, Hamburg, Germany, September 2014
Conference of the Canadian Economic Association, Vancouver, Canada, May-June 2014
Seminar, Dept of Economics, University of British Columbia, Vancouver, Canada, May 2014
Seminar, Dept of Economics, Simon Fraser University, Vancouver, Canada, May 2014
Canadian Economic Theory Conference 2014, Simon Fraser University, Vancouver, Canada, April 2014
Seminar, Dept of Economics, Hitotsubashi University, Tokyo, Japan, April 2014

Seminar, Kyoto Institute of Economic Research, Kyoto, Japan, April 2014

Conference of the Society for the Advancement of Economic Theory (SAET), Paris, France, July 2013

Workshop on Evolutionary Dynamics and Market Behavior, Bonn, Germany, July 2013

Session of “Theoretischer Ausschuss des Verein für Socialpolitik”, Reisenburg, Germany, May 2013

Seminar, Dept of Economics, Bamberg University, Germany, April 2013

Seminar, Dept of Economics, Koç University, Turkey, November 2012

Seminar, Dept of Economics, Dortmund Technical University, Germany, October 2012

Seminar, Dept of Economics, Heidelberg University, Germany, July 2012

Seminar, Dept of Economics, University of Oslo, Norway, June 2012

Seminar, Decision Theory Group, University of Bristol, UK, May 2012

Seminar, Dept of Economics, University of Exeter, UK, March 2012

Seminar, Dept of Economics, Paderborn University, Germany, January 2012

Seminar, Dept of Economics, University of Konstanz, Germany, November 2011

Conference of the Society for the Advancement of Economic Theory (SAET), Faro, Portugal, June 2011

Seminar, IMW, Bielefeld University, Germany, May 2011

Seminar, Dept of Economics, Virginia Tech, Blacksburg, USA, March 2011

MEDS Lunch Seminar, MEDS, Kellogg School of Management, Northwestern University, USA, February 2011

Seminar, Dept of Economics, University of Wisconsin, Madison, USA, September 2010

Canadian Economic Theory Conference 2010, McGill University, Toronto, Canada, May 2010

Seminar, Dept of Economics, University of Warwick, UK, May 2010

Seminar, Dept of Economics, Oxford University, UK, April 2010

Seminar, Dept of Economics, University of Southampton, UK, April 2010

Seminar, Dept of Economics, Cambridge University, UK, April 2010

Seminar, Dept of Economics, Brown University, Providence, USA, April 2010

Seminar, Institute of Mathematical Economics, Bielefeld University, Germany, March 2010

Seminar, Dept of Economics, John Hopkins University, Baltimore, USA, November 2009

Seminar, Dept of Economics, University of Pittsburgh, USA, November 2009

North American Summer Meeting of the Econometric Society, Boston, USA, June 2009

First Transatlantic Theory Workshop, Paris School of Economics, Paris, France, September 2008

World Congress of the Game Theory Society, Northwestern University, Evanston, IL, USA, July 2008

North American Summer Meeting of the Econometric Society, Pittsburgh, USA, June 2008

Canadian Economic Theory Conference 2008, Simon Fraser University, Vancouver, Canada, May 2008

Conference on The Biological Basis of Economic Behavior, Simon Fraser University, Vancouver, Canada, April 2008

Seminar, Institute of Economic Research, University of Kyoto, Japan, March 2008

Seminar, Dept of Economics, University of British Columbia, Vancouver, Canada, February 2008

Bonn Economics Research Seminar, University of Bonn, Bonn, Germany, January 2008

Seminar, Paris School of Economics, Paris, France, January 2008

Seminar, Paris School of Economics, Paris, France, January 2008

Seminar, Dept of Economics, UCLA, USA, November 2007

Seminar, Dept of Economics, UC Santa Barbara, USA, October 2007

Conference on Economic Theory and Experimental Economics, Washington University, St Louis, USA, October 2007

European Meeting of the Econometric Society, Budapest, Hungary, August 2007

The Stony Brook Game Theory Festival, Stony Brook, USA, July 2007

Conference of the Society for the Advancement of Economic Theory (SAET), Kos, Greece, June 2008

MEDS Friday Lunch Seminar, Kellogg School of Management, Evanston, USA, December 2006

Seminar, Dept of Economics, Hitotsubashi University Tokyo, Japan, November 2006

Seminar, Institute of Social Science, University of Tokyo, Japan, November 2006

Seminar, Dept of Economics, University of Tokyo, Japan, November 2006
Seminar, Institute of Economic Research, University of Kyoto, Japan, November 2006
World Congress of the Econometric Society, Vienna, Austria, August 2006
Seminar, Dept of Mathematics, University College London, UK, November 2005
Seminar, Dept of Economics, University of Toronto, Canada, November 2005
MEDS Bag Lunch Seminar, Kellogg School of Management, Evanston, USA, November 2005
World Congress of the Econometric Society, University College London, UK, August 2005
Seminar, Dept of Economics, University of Oxford, UK, March 2005
Microeconomics Research Workshop, European University Institute, Florence, Italy, March 2005
Workshop in Economic Theory, Dept of Economics, University of Chicago, USA, February, 2005
Seminar, Faculty of Industrial Engineering & Management, Technion, Haifa, November 2005
Game Theory and Mathematical Economic Research Seminar, Department of Statistics & Operations Research, Tel Aviv University, Israel, November 2004
Sunday Seminar in Game Theory and Mathematical Economics, Center for the Study of Rationality, The Hebrew University of Jerusalem, Israel, November 2004
Latin American Meeting of the Econometric Society, Santiago, July 2004
Sixth Spanish Meeting on Game Theory and Practice, Elche, Spain, July 2004
Second World Congress of the Game Theory Society, Marseille, France, July 2004
Seminar, Dept of Economics, University of Wisconsin, Madison, USA, May 2004
Seminar, Dept of Economics, Brown University, Providence, USA, April 2004
MEDS Bag Lunch Seminar, Kellogg School of Management, Evanston, USA, April 2004
MEDS Seminar, Kellogg School of Management, Evanston, USA, February 2003
Seminar, Dept of Economics, McGill University, Montreal, Canada, February 2003
Jamboree, European Doctoral Group in Economics, Copenhagen, Denmark, September 2002
13th Summer Festival on Game Theory, SUNY at Stony Brook, USA, July 2002
York's Annual Meeting in Econometrics, York, UK, June 2002
Workshop on Game Theory, Institute For Advanced Studies, Vienna, Austria, May 2002

PROFESSIONAL EXPERIENCE

Associate editor, *Journal of Economic Behavior and Organization*, 2010-2014

Reviewer for the *US National Science Foundation (NSF)*, *German Science Foundation (DFG)*, *US-Israel Binational Science Foundation (BSF)*

Referee for *American Economic Journal: Microeconomics*, *American Economic Review*, *Econometrica*, *Economic Inquiry*, *Economic Theory*, *European Economic Review*, *Games*, *Games and Economic Behavior*, *International Journal of Game Theory*, *Journal of Economic Theory*, *Journal of Mathematical Economics*, *Journal of Political Economy*, *Marketing Science*, *Mathematics of Operations Research*, *Mathematical Social Sciences*, *Quarterly Journal of Political Science*, *Review of Economic Studies*, *Theoretical Economics*, and *Theory and Decision*

TEACHING

Introduction to Economics (first year bachelor course, University of Graz, 2016-)

PhD course on incomplete information game theory (University of Graz, 2015-)

Game Theory (master course, University of Graz, 2015-)

Topics in Microeconomics (third year bachelor course, University of Graz, 2019-)

Evolutionary Game Theory (short PhD course, University of Innsbruck, April 2016)

PhD course on Game Theory, Doctorado en Ciencias de la Complejidad, Social Centro de Investigación Complejidad Social (CICS), Facultad de Gobierno, Universidad del Desarrollo, Chile (March-April 2015)

Seminar on Economic Modelling (master level seminar, Bielefeld University, 2013)

Seminar on “How to Write a Paper” (master level seminar, Bielefeld University, 2013)
Seminar on Experiments in Game Theory (master level seminar, Bielefeld University, 2012)
Games with Incomplete Information (3rd year undergraduate course, Bielefeld University, 2012)
Introduction to Game Theory, (2nd year undergraduate course, Bielefeld University, 2011-present)
Evolutionary Game Theory (master level course, Bielefeld University, 2011/12)
Game Theory and Mechanism Design (master level course, Bielefeld University, 2011-present)
Seminar in Applied Game Theory (bachelor level seminar, Bielefeld University, 2011)
Topics in Game Theory (PhD level seminar, Bielefeld University, 2011)
Foundations of Managerial Economics I: Game Theory (Kellogg PhD course MECS 460-3, 2006-2009)
Statistical Methods for Managerial Decisions (Kellogg MBA course DECS 434, 2004-2011)
Evolutionary Game Theory (Module of MPhil Course “Advanced Economic Theory”, U. of Cambridge, 2002/03)
Teaching Assistant, undergraduate course on Industrial Organization (Part II Industry of the Economics Tripos, U. of Cambridge, 2002/03)
Teaching Assistant, Diploma Microeconomics at U. of Cambridge (2000-2002)
Supervisor, various courses of the Economics Tripos at U. of Cambridge (2000-2002):
Part I EQEM (Elementary Qualifying Examination in Mathematics); Colleges: Girton, Wolfson
Part I Statistics and Quantitative Methods; Wolfson College
Prelims Mathematics; Colleges: Corpus Christi, Gonville and Caius, Girton, Queens', Sidney Sussex, St. Edmunds's, Wolfson
Part II Economic Theory and Analysis; Queens' College
Part II Dissertation (2 Students); St. Edmund's College
Statistics for Sociologists and Political Scientists, Inst. for Adv. Studies, Vienna (1998/99)

HONORS, SCHOLARSHIPS AND FELLOWSHIPS

Member of the External Academic Council, Doctorado en Ciencias de la Complejidad, Social Centro de Investigacion Complejidad Social (CICS), Facultad de Gobierno, Universidad del Desarrollo, Chile, since October 2014
Member of “Theoretischer Ausschuss des Vereins für Socialpolitik”, since May 2013
Among top 20% of all Instructors at the Kellogg School of Management, Northwestern University, 2009-2010 and 2010-2011
Chair's Core Course Teaching Award, 2009-2010, Kellogg School of Management, Northwestern University
Fellow of the Cambridge European Society, 2000-present
Full PhD Scholarship, Faculty of Economics and Politics, U. of Cambridge, 2001-2003
Cambridge European Trust Bursary, 2000-2002
Economic and Social Science Research Council (ESRC) Studentship, 2002-2003
Full MPhil Scholarship, Austrian Ministry of Science, 1999-2001
Prize for best masters thesis in the field of Mathematical Statistics from the Austrian Statistical Society (*Österreichische Statistische Gesellschaft*), 1997
Scholarship granted by the Austrian Ministry of Science and the Faculty of Science of the Technical University Graz, to visit the Department of Statistics at Stanford University, 1995/96