

CURRICULUM VITAE

Martin Meier

June 2016

Address

Senior Economist
Institut für Höhere Studien
Josefstädter Straße 39
1080 Vienna
Austria

Education (University Level)

University of Freiburg:

Physics: October 1989 – September 1993:
Pre-Diploma in Physics: February 1992

Modification of subject in September 1993:

Mathematics: September 1993 – April 1998:

Diploma in Mathematics, April 1998
Topic of the diploma-thesis: Mathematical Logic
Diploma-thesis: “On the elementary theory of Vector Spaces with a specified Family of Subspaces” (Grade “Sehr gut” (A))

University of Bielefeld:

September 1998 – July 2002: PhD-student at the Institute of Mathematical Economics
(Graduate Fellowship of the Graduiertenkolleg “Mathematische Wirtschaftsforschung”
September 1998 – September 2000)
PhD in Mathematics: July 2002
Topic of the PhD-thesis: Game Theory
PhD-thesis: “Universal Beliefs Structures” (Grade “Ausgezeichnet” (excellent))

(Visiting) Positions / Honors

January – March 2000: TMR-Scholarship at the School of Economics, Tel-Aviv University (Professors Dov Samet and Aviad Heifetz)

October 2000 – August 2001: TMR-Scholarship at GEMMA, Université de Caen (Professor Maurice Salles)

September 2001 – October 2001: CORE Research Fellowship, Université catholique de Louvain (Professor Claude d'Aspremont)

November 2001 – October 2003: Marie Curie Research Fellowship, Université catholique de Louvain (Professors Claude d'Aspremont and Enrico Minelli)

October 2003 - September 2004: Assistant Professor (Tenure Track), Universidad Carlos III de Madrid

October/November 2004 – July 2009: Ramon y Cajal Fellowship (IAE-CSIC)

Since August 2009: Senior Economist, Institut für Höhere Studien, Vienna

Prizes

Morgenstern Award 2010

Double Morgenstern Award 2012

Triple Morgenstern Award 2013

Morgenstern Award 2015

Major Fields of Interest

Game theory, in particular games of incomplete information, Harsanyi type spaces and related structures, optimal stopping, stochastic and repeated games, stable equilibria, general equilibrium theory, games with unawareness, decision theory, statistical learning, and inductive reasoning, media economics.

Published/Accepted Papers

“On the Nonexistence of Universal Information Structures”, *Journal of Economic Theory* 122 (2005), 132-139

“Finitely Additive Beliefs and Universal Type Spaces”, *The Annals of Probability* 34 (2006), 386-422

“Hierarchies of Beliefs for Compact Possibility Models”, with Thomas Mariotti (Université de Toulouse (CNRS-GREMAQ)) and Michele Piccione (London School of Economics), *Journal of Mathematical Economics* 41 (2005), 303-324

“Interactive Unawareness”, with Aviad Heifetz (The Open University of Israel) and Burkhard Schipper (University of California, Davis), *Journal of Economic Theory*, 130 (2006), 78-94

“Universal Knowledge-Belief Structures”, *Games and Economic Behavior*, 62 (2008), 53-66

“A Canonical Model for Interactive Unawareness”, with Aviad Heifetz (The Open University of Israel) and Burkhard Schipper (University of California, Davis), *Games and Economic Behavior*, 62 (2008), 304-324

“On the Relationship Between Type and Hierarchy Morphisms”, with Amanda Friedenberg (Arizona State University), *Economic Theory* 46 (2011), 377-399

“An Infinitary Probability Logic for Type Spaces”, *Israel Journal of Mathematics*, 192 (2012), 1–58, DOI: 10.1007/s11856-012-0046-8

“Concentration and Self-Censorship in Commercial Media”, with Fabrizio Germano (University Pompeu Fabra, Barcelona), *Journal of Public Economics*, 97 (2013), 117-130

“Unawareness, Beliefs, and Speculative Trade”, with Aviad Heifetz (The Open University of Israel) and Burkhard Schipper (University of California, Davis), *Games and Economic Behavior* 77 (2013), 100 - 121

“Competitive Markets with Private Information on Both Sides”, with Enrico Minelli (University of Brescia) and Herakles Polemarchakis (University of Warwick), *Economic Theory* (2014) 55:257–280, DOI 10.1007/s00199-013-0754-2

“Dynamic Unawareness and Rationalizable Behavior”, with Aviad Heifetz (The Open University of Israel) and Burkhard Schipper (University of California, Davis), *Games and Economic Behavior* 81 (2013), 50-68.

“Speculative Trade under Unawareness – The infinite Case”, with Burkhard Schipper (University of California, Davis), accepted for publication in *Economic Theory Bulletin* (2014) 2:147–160, DOI 10.1007/s40505-014-0040-x

“Bayesian Games with Unawareness and Unawareness Perfection”, with Burkhard Schipper (University of California, Davis), *Economic Theory* (2014) 56:219–249
DOI 10.1007/s00199-013-0788-5

“The Context of the Game”, with Amanda Friedenberg (Arizona State University), forthcoming in *Economic Theory*

“A new strategy for Robbins' problem of optimal stopping”, with Leopold Sögner (IHS, Vienna), accepted for publication in *Journal of Applied Probability* 54.1 (March 2017).

Peer-reviewed conference proceedings (TARK)

“Multi-Person Unawareness”, with Aviad Heifetz (The Open University of Israel) and Burkhard Schipper (University of California, Davis), in *Theoretical Aspects of Rationality and Knowledge: Proceedings of the Ninth Conference (TARK 2003)*, Moshe Tennenholtz (Ed.), ACM, 145-158

“Harsanyi Type Spaces with Knowledge Operators”, in *Theoretical Aspects of Rationality and Knowledge: Proceedings of the Tenth Conference (TARK 2005)*, Ron van der Meyden (Ed.), ACM, 126-136

“A Canonical Model for Interactive Unawareness”, with Aviad Heifetz (The Open University of Israel) and Burkhard Schipper (University of California, Davis), in *Theoretical Aspects of Rationality and Knowledge: Proceedings of the Eleventh Conference (TARK 2007)*, Dov Samet (Ed.), Presses Universitaires de Louvain, (2007), 177-182

“Unawareness, Beliefs and Games”, with Aviad Heifetz (The Open University of Israel) and Burkhard Schipper (University of California, Davis), accepted for publication in *Theoretical Aspects of Rationality and Knowledge: Proceedings of the Eleventh Conference (TARK 2007)*, Dov Samet (Ed.), Presses Universitaires de Louvain, (2007), 183-192

Unpublished Papers / Work in Progress

“Perfect Quasi-Perfect Equilibrium”, with Larry Blume (Cornell University, USA)

“Hierarchies of Finitely Additive Beliefs and Universal Type Spaces”

“Universal Measurable Information Structures”

“A Large Market Game with Private Information on Both Sides”, with Enrico Minelli (University of Brescia)

“Prudent Rationalizability in Generalized Extensive-Form Games”, with Aviad Heifetz (The Open University of Israel) and Burkhard Schipper (University of California, Davis)

“Conditional Dominance in Dynamic Games with Unawareness”, with Burkhard Schipper (University of California, Davis)

“Comprehensive Rationalizability”, with Aviad Heifetz (The Open University of Israel) and Burkhard Schipper (University of California, Davis)

Teaching (Department of Economics, Universidad Carlos III):

Mathematics II, Undergraduate (Calculus and Linear Algebra) and
Mathematics II, PhD program in Economics (Real Analysis)

Teaching (IHS):

Mathematics II (Topology and Real Analysis), 2009 - 2012
Statistics I, 2012
Micro I, 2013, 2014, 2015

Teaching (Vienna Graduate School of Economics):

Repeated Games, 2012
Games of Imperfect Information, 2015

Supervision PhD (As Co-Supervisor at the Vienna Graduate School of Economics):

Michael Greinecker 2012 (Currently University of Innsbruck): “Foundations of Dynamic Games”.

Supervision Master’s Thesis (IHS):

Stefan Schneeberger 2011 (Currently PhD program in Economics at Yale University):
“Optimal Strategies for Apartment Hunting”.

Béla Szabadi 2012 (Currently PhD program in Economics at Northwestern University):
“Revenue-Maximizing Combinatorial Auctions in a Simplified Setting”.

Joachim Hubmer 2013 (Currently PhD program in Economics at Yale University):
“Self-Enforcing Climate Change Treaties: A Game Theoretic Approach”.

Franz Peter Ostrizek, 2014 (Currently PhD program in Economics at Princeton University):
“Essays on Contract Theory with Unawareness of Actions”.

Co-Organizer of the Vienna Joint Economics Seminar (since 2011)

Conferences and Seminars

Research Seminar at the Center of Rationality, Hebrew University of Jerusalem, March 2000, presented paper: “An Infinitary Probability Logic for Type Spaces”

TMR meeting on cooperation and information, Université de Caen (France), 25/05/2000 – 27/05/2000, presented paper: “Finitely Additive Beliefs and Universal Type Spaces”

Fourth Conference on “Logic and the Foundations of the Theory of Games and Decisions” (LOFT4), ICER, Torino (Italy), 29/06/2000 – 02/07/2000, presented paper: “An Infinitary Probability Logic for Type Spaces”

Research Seminar (ARC) at the Center for Operations Research and Econometrics, Université catholique de Louvain, February 2001, presented paper: “An Infinitary Probability Logic for Type Spaces”

Game Theory Seminar at the Institute Henri Poincaré, Paris (France), December 2002, presented paper: “An Infinitary Probability Logic for Type Spaces”

”2003 SAET Conference on Economics”, Rhodes (Greece), 30/06/2003 – 06/07/2003, presented paper: “An Infinitary Probability Logic for Type Spaces”

”58th European Meeting of the Econometric Society / 18th Annual Congress of the European Economic Association” (ESEM/EEA 2003), Stockholm (Sweden), 20/08/2003 – 24/08/2003, presented paper: “Finitely Additive Beliefs and Universal Type Spaces”

”Second World Congress of the Game Theory Society” (Games 2004), Marseille (France), 05/07/2004-09/07/2004, presented paper: “Universal Knowledge-Belief Structures”

”59th European Meeting of the Econometric Society / 19th Annual Congress of the European Economic Association” (ESEM/EEA 2004), Madrid (Spain), 20/08/2004 – 24/08/2004, presented papers: “Interactive Unawareness” and ”Universal Knowledge-Belief Structures”

Mircoeconomics Seminar at the Department of Economics, Univ. Carlos III de Madrid, November 2004, presented paper: “Interactive Unawareness”

”Theoretical Aspects of Rationality and Knowledge TARK X”, Singapore, 10/06/2005-12/06/2005, presented paper: “Harsanyi Type Spaces with Knowledge Operators”

”Logic, Game Theory and Social Choice 4”, Caen (France), 22/06/2005 – 24/06/2005, presented paper: “A Canonical Model for Interactive Unawareness”

”2005 SAET Conference on Current Trends in Economics”, Vigo (Spain), 27/06/2005 – 03/07/2005, presented paper: “Universal Knowledge-Belief Structures”

Research Seminar at EUREQua, Paris 1, November 2005, presented paper: “Nash-Walras equilibria with private information on both sides”

”Seminar Roy”, Paris, November 2005, presented paper: “Interactive Unawareness”

Seminar at IRIT, Univ. Paul Sabatier, Toulouse, February 2006, presented paper: “A Canonical Model for Interactive Unawareness”

Microeconomics Seminar at the Department of Economics UC Davis, April 2006, presented paper: “Nash-Walras equilibria with private information on both sides”

Fourth Conference on “Logic and the Foundations of the Theory of Games and Decisions” (LOFT7), Liverpool (UK), 13/07/2006 – 15/07/2006, presented paper: “A Canonical Model for Interactive Unawareness”

“61st European Meeting of the Econometric Society / 21st Annual Congress of the European Economic Association” (ESEM/EEA 2006), Vienna (Austria), 24/08/2006 – 28/08/2006, presented paper: “A Canonical Model for Interactive Unawareness”

“22nd Latin American Meeting of the Econometric Society / 11th Annual Meeting of the Latin American and Caribbean Economic Association” (LAMES/LACEA 2006), ITAM, Mexico City, 02/11/2006 – 04/11/2006, presented paper: “Nash-Walras equilibria with private information on both sides”

Seminar at the Department of Economics, University of Venice, November 2006, presented paper: “Unawareness, Beliefs and Games”

Microeconomics Seminar at IGIER, Bocconi University, Milan, March 2007, presented paper: “Unawareness, Beliefs and Games”

“Theoretical Aspects of Rationality and Knowledge TARK XI”, Brussels, 25/06/2007-27/06/2007, presented paper: “A Canonical Model for Interactive Unawareness”

“The 18th Summer Festival on Game Theory - International Conference on Game Theory”, Stony Brook, 09/07/2007-13/07/2007, presented paper “Unawareness, Beliefs and Games”

Seminar at Olin School of Business, Washington University, St. Louis, July 2007, presented paper: “Unawareness, Beliefs and Games”

“62nd European Meeting of the Econometric Society / 22nd Annual Congress of the European Economic Association” (ESEM/EEA 2006), Budapest (Hungary), 27/08/2007 – 31/08/2007, presented paper: “Nash-Walras equilibria with private information on both sides”

“Summer in Birmingham”, Birmingham, June 2008, presented paper: “Dynamic Unawareness and Rationalizable Behavior”

“3rd World Congress of the Game Theory Society”, Evanston, July 2008, presented paper: “Hierarchies of Finitely Additive Beliefs and Universal Type Spaces”

Vienna, Institut für Höhere Studien (Institute for Advance Studies), September 2008, presented paper: “The Context of the Game”,

Lisboa, ISEG, Universidade Técnica de Lisboa, October 2008, presented paper: “Voluntary censorship in commercial media”

Maastricht (The Netherlands), October 2008, presented paper: “Dynamic Unawareness and Rationalizable Behavior”

Bielefeld (Germany), October 2008, presented paper: “Dynamic Unawareness and Rationalizable Behavior”

“Fifth CSEF-IGIER Symposium on Economics and Institutions”, Capri June 22-26 2009, presented paper: “Dynamic Unawareness and Rationalizable Behavior”

SAET conference on “Advances in Economic Theory” Ischia, June 29-July 4 2009, presented paper: “Dynamic Unawareness and Rationalizable Behavior”

“Rules, Games and Democracy” workshop, University of Turku, Finland September 7-9, 2009, presented paper: “Dynamic Unawareness and Rationalizable Behavior”

Midwest Theory Conference, May 2010, Northwestern University, Evanston, presented paper: “Dynamic Unawareness and Rationalizable Behavior”

June 2010, invited tutorial on “Unawareness in Games” at the “Decisions, Games and Logic Workshop 2010”, Paris.

Lisbon, November 2010, UECE Lisbon Meetings 2010: Game Theory and Applications, presented paper: “Dynamic Unawareness and Rationalizable Behavior”

University of Marseilles, France, Departemental Seminar, June 2011, presented paper: “Dynamic Unawareness and Rationalizable Behavior”

11th SAET Conference - Ancoa (Faro) Portugal - June 26 - July 1, 2011, presented paper: “Comprehensive Rationalizability”

10th Conference on “Logic and the Foundations of the Theory of Games and Decision Theory” (LOFT10), Sevilla, Spain, June 18 - 20, 2012, presented paper: “Comprehensive Rationalizability”

“4th World Congress of the Game Theory Society”, Istanbul, July 2012, presented paper: “Comprehensive Rationalizability”

University of Innsbruck, Austria, Departemental Seminar, January 2015, presented paper: “Comprehensive Rationalizability”

Seminar on Decision, Interaction and Markets, Dauphine University, Paris, France, May 2015, presented paper: “A Large Market Game with Private Information on Both Sides”

ECARES, ULB, Brussels, February 2016, presented paper: “Perfect Quasi-Perfect Equilibrium”

Workshop

NATO Summer School on Stochastic Games, organised by Abraham Neyman and Sylvain Sorin, SUNY Stony Brook, July 10 – 20 1999

Referee for

American Economic Review, Econometrica, Economic Theory Bulletin, Economic Theory, Games and Economic Behavior, International Journal of Game Theory, Israel Journal of Mathematics, Journal of Economic Theory, Journal of Logic and Computation, Mathematical Social Sciences, Theory and Decision

Member of the Program Committee of TARK XI and TARK XII

Member of the Program Committee of LOFT 2012

Language skills

German (native language), English (fluent in speaking, reading, and writing), French (fluent in speaking and reading, advanced in writing), Spanish (advanced beginner)