

Curriculum Vitae

Contact Details

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Personal Data

Born July 15, 1970

Austrian citizen

Married, three children

Research Interests

Evolution and Learning in Games, Behavioral and Experimental Game Theory

Current Position

Professor of Economics, WU Vienna (since 2011)

Previous Positions

Associate Professor of Economics, WU Vienna (2006-2011)

Professor of Economics (substitute), LMU Munich (2006)

Assistant Professor, WU Vienna (2000-2006)

Postdoc Researcher, WU Vienna (1998-2000)

Research and Teaching Assistant, U Vienna (1996-1998)

Visiting Positions

VGSE faculty member (2010-2016)

Masaryk U Brno (2009)

IHS/TU Vienna (2008-2009)

IHS/VGSF (2007)

LMU Munich (2004)

Academic Qualifications

Habilitation (economics), WU Vienna (2006)

Dr.rer.soc.oec. (doctoral degree, economics), WU Vienna (2004)

Dr.rer.nat. (doctoral degree, mathematics), U Vienna (1998)

Mag.rer.nat. (MSc equivalent, mathematics), U Vienna (1995)

Editorial Positions

Editor-in-Chief, **Games** (MDPI)

Advisory board member, **Helyion** (Elsevier)

Advisory board member, **Preprints** (MDPI)

Honors and Grants

- *WU Best Paper Award* of the City of Vienna (2005, 2008, 2012)
- *Research Award* of the Vodafone Foundation for Research (2005)
- *Young Economist Award* of the Austrian Economic Association (2004)
- *Marie Curie Research Fellowship* of the University of Munich (2004)

Conference Presentations

Altenberg Workshop in Theoretical Biology: Altenberg 2011; Arne Ryde conference on Learning, Evolution and Games (LEG): Lund 2018, online 2021; Econometric Society European Meeting (ESEM): Stockholm 2003, Madrid 2004, Budapest 2007; Econometric Society North American Summer Meeting (NASM): Los Angeles 2002; Economic Science Association (ESA): Innsbruck 2009; European Association for Research in Industrial Economics (EARIE): Helsinki 2003; European Conference in Complex Systems (ECCS): Vienna 2011; European Economic Association (EEA): Stockholm 2003, Madrid 2004; Evolutionary Game Dynamics Workshop: Banff 2006; Evolutionary Game Theory Conference: Odense 2000; Evolutionary Game Theory Workshop: Vienna 2008, 2019, 2021; Evolutionary Games Workshop: Banff 2010; Game Theory Society World Congress (GTS): Marseille 2004, Evanston 2008; IHS Economics Workshop: Vienna 2001, Vienna 2002, Vienna 2005; International Industrial Organisation Conference (IIOC): Boston 2003; Italian Meeting on Game Theory and Applications (IMGTA): Urbino 2003; Lancaster Game Theory Conference: Lancaster 2016; NOeG Annual Meeting: Vienna 2002, 2004, 2010, Innsbruck 2005, 2021, Klagenfurt 2003, 2007, Graz 2019; Psychoeconomics Meeting: Konstanz 2015; Society for the Advancement of Economic Theory (SAET): Kos 2007; Spring Meeting of Young Economists (SMYE): Paris 2002; Summer Festival on Game Theory: Stony Brook 2003; TECT Conference: Laxenburg 2009; Verein für Socialpolitik (VfS): Dresden 2004, Bonn 2005

Seminar Presentations

IHS Vienna, LSE London, MPI Bonn, MPI Jena, PED Harvard, U Erlangen-Nürnberg, U Göteborg, U Göttingen, U Innsbruck, U Linz, U Maastricht, U Munich, U Saarland, U Trento, U Ulm, U Vienna, VGSE Vienna, WU Vienna

Courses taught

- *WU Vienna*: various courses in Microeconomics and Game Theory
- *U Vienna*: Mathematics for Business, Mathematics for IT, Complex Analysis, Game Theory
- *TU Vienna / IHS*: Math Camp, Mathematics for Economists
- *U Munich*: Microeconomic Theory, Decisions under Uncertainty
- *VGSE*: Evolutionary Game Theory
- *Danube U Krems / TU Vienna*: Managerial Economics
- *Vienna U Applied Life Sciences*: Mathematics for Biotechnology
- *Comenius U Bratislava*: Monetary Policy
- *VGSF / IHS*: Mathematics for Economists
- *Masaryk U Brno*: Microeconomic Theory

Referee for

42 journals: *Advances in Complex Systems, Applied Mathematics and Computation, Applied Sciences, BE Journals in Economic Analysis & Policy, BE Journals in Theoretical Economics, Central European Journal of Operations Research, Economic Theory, Economic Theory Bulletin, Economics and Politics, Economics Bulletin, Economics Letters, Electronic Commerce Research and Applications, European Review of Agricultural Economics, Games, Games and Economic Behavior, German Economic Review, Helyion, Humanities and Social Sciences Communications, Information Economics and Policy, International Journal of Game Theory, International Journal of Industrial Organization, Journal of Computational Methods in Sciences and Engineering, Journal of Economic Dynamics and Control, Journal of Economic Psychology, Journal of Economic Theory, Journal of Evolutionary Economics, Journal of Theoretical Biology, Journal of the European Economic Association, Mathematical and Computer Modelling of Dynamical Systems, Mathematical Problems in Engineering, Mathematical Social Sciences, Mathematics, Networks and Spatial Economics, Proceedings of the National Academy of Sciences, Production and Operations Management,*

RAND Journal of Economics, Review of Industrial Organization, Review of Network Economics, Scientific Reports, Studies in Nonlinear Dynamics & Econometrics, Sustainability, Theory and Decision

2 book chapters: Wiley Encyclopedia of Operations Research and Management Science; Game Theoretic Analysis of Congestion, Safety and Security

4 scientific organizations: Anniversary Funds of the Austrian National Bank, German Research Foundation, National Science Foundation, uni:docs

Publications

Journal articles

1. "Evolution of deterrence with costly reputation information" (with Hannelore De Silva), **PLOS ONE** 16 (6), e0253344, 2021
2. "Co-action equilibrium fails to predict choices in mixed-strategy settings", **Scientific Reports** 8 (751), 1-5, 2018
3. "Cognitive Hierarchies in the Minimizer Game" (with Hannelore De Silva and Gerlinde Fellner-Röhling), **Journal of Economic Behavior and Organization** 130, 337-348, 2016
4. "On the stability of cooperation under indirect reciprocity with first-order information" (with Ansgar Grüne), **Games and Economic Behavior** 98, 19-33, 2016
5. "Non-algebraic convergence proofs for continuous-time fictitious play", **Dynamic Games and Applications** 2 (1), 4-17, 2012
6. "Learning to cooperate via indirect reciprocity", **Games and Economic Behavior** 72 (1), 30-37, 2011 [*WU Best Paper Award 2012*]
7. "Simple scaling of cooperation in donor-recipient games", **BioSystems** 97 (3), 165-167, 2009
8. "Learning in games with strategic complementarities revisited", **Journal of Economic Theory** 143 (1), 292-301, 2008
9. "Two more classes of games with the Continuous-time Fictitious Play Property", **Games and Economic Behavior** 60 (2), 247-261, 2007
10. "Brown's original Fictitious Play", **Journal of Economic Theory** 135 (1), 572-578, 2007 [*WU Best Paper Award 2008*]
11. "Irrational behavior in the Brown-von Neumann-Nash dynamics" (with Josef Hofbauer), **Games and Economic Behavior** 56 (1), 1-6, 2006
12. "A generalized model of best response adaptation", **International Game Theory Review** 8 (1), 45-66, 2006
13. "Fictitious Play in 2xn games", **Journal of Economic Theory** 120 (2), 139-154, 2005
14. "Bill-and-keep vs. cost-based access pricing revisited", **Economics Letters** 86 (1), 107-112, 2005
15. "Access charges in the presence of call externalities", **The B.E. Journal of Economic Analysis & Policy** 3, 1 (*Contributions*), Article 21, 2004 [*WU Best Paper Award 2005*]
16. "Best response dynamics for role games", **International Journal of Game Theory** 30 (4), 527-538, 2002

Books

1. ***Kartenzahlungen im Euro-Zahlungsraum*** (with *Hanns Abele* and *Guido Schäfer*), Physica Verlag, 2006
2. ***The Economics of Two-Way Interconnection***, Peter Lang Verlag, 2006