

Johannes Carlos Hoelzemann

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Main Research Interest

Behavioral & Experimental Economics, Economic Theory

Academic Employment

University of Vienna, Department of Economics, *Assistant Professor*, 2022-present

University of Vienna, Vienna Center for Experimental Economics, 2022-present

University of Toronto, Department of Economics, *Postdoctoral Research Fellow*, 2018-2022

University of Toronto, Rotman School of Management, BEAR – BI.Org, 2020-2022

Education

PhD in Economics (Essays in Theoretical and Experimental Economics), UNSW Sydney, 2018

🏆 *Business School Higher Degree Research Student Thesis Award for the Best Doctoral Dissertation*

Diploma Regional Science (Research, combined Bachelor and Master degree), Economics, Social and Economic Psychology, Romance Studies, and History, University of Cologne, 2014

Master of Economics (Research), Macquarie University, 2013

Research Papers

Publications



“Bandits in the Lab,” *Quantitative Economics* (2021), 12 (3), 1021-1051.

with Nicolas Klein (UdeM)

🏆 *John McMillan Prize for the Best Paper in Economics by a PhD Student*



“Essays in Theoretical and Experimental Economics” (thesis abstract, commissioned submission), *Journal & Proceedings of the Royal Society of New South Wales* (2018), 151 (2), 232-234.

Working Papers



“Magic Mirror on the Wall, Who Is the Smartest One of All?”

with Yoram Halevy (UofT) & Terri Kneeland (UCL)



“The Streetlight Effect in Data-Driven Exploration”

with Gustavo Manso (Berkeley), Abhishek Nagaraj (Berkeley), & Matteo Tranchero (Haas-PhD student)

🏆 *Nominated for the Best Conference Paper Prize of the SMS Milan Special Conference*



“Eliciting Present Bias under Uncertainty”

with Nazlı Billur Görgülü (UofT-PhD student) & Yoram Halevy (UofT)



“Non-Parametric Identification and Testing of Quantal Response Equilibrium”

with Ryan Webb (UofT) & Erhao Xie (BOC)



“Coordination in the Network Minimum Game”

with Hongyi Li (UNSW)



“Asset Ownership and the Hold-Up Problem with Asymmetric Information”

with Richard Holden (UNSW)



“Anticipated Regret”

with David Dillenberger (Penn), Yoram Halevy (UofT), & Gideon Nave (Penn)

Work in Progress



“Strategic Ambiguity in Social Learning”

with Yoram Halevy (UofT) & Colin Stewart (UofT)



“Lab Bandits: The Good, the Bad and the Ugly”

with Nicolas Klein (UdeM)



“Belief Elicitation in Games”

with Yoram Halevy (UofT) & Terri Kneeland (UCL)



“Coordination and Discrimination: A Convenience Story”

with Carl Heese (HKU) & Christian Koch (UniVie)

Professional Activities

Conferences & Workshops (by myself or a co-author)	<p>2023: University of Toronto Behavioral Economics / Industrial Organization Workshop, Fourth AI and Strategy Consortium (online), Society for the Advancement of Economic Theory (Paris), Spring Behavioral & Experimental Economic Research Conference (Philadelphia), Asian Meeting of the Econometric Society (Beijing), 2023 Strategy Science Conference (Munich), Economic Science Association European Meeting (Lyon), University of East Anglia Behavioral Game Theory Workshop (Norwich)</p> <p>2022: Bounded Rationality: Theory and Experiments (Tel Aviv), Economic Science Association North-American Meeting (Santa Barbara), Stanford Institute for Theoretical Economics, Barcelona School of Economics Summer Forum Workshop, Bounded Rationality in Choice (Prague), Decision: Theory, Experiments, Applications (Paris), University of Chicago Booth School of Business Behavioral Economics Workshop, Wharton/Columbia Management, Analytics, and Data Conference (New York), Harvard Business School Data Science in a Digital World Conference, NBER Productivity Workshop (Boston / online), Society for the Advancement of Economic Theory (Canberra), Workshop on Entrepreneurial Finance & Innovation (online), Innovation & Entrepreneurship Workshop (Barcelona / online), UCLA Anderson School of Management Strategy Workshop, University of Calgary / Simon Fraser University / University of British Columbia Theory Workshop (online), UC Berkeley Psychology & Economics Workshop, Strategic Management Society Special Conference (Milan)</p> <p>2019–2021: Economic Science Association North-American Meeting (Tucson), NeuroPsychoEconomics Conference (Amsterdam / online), Annual Conference of the Canadian Economic Association (Vancouver / online), Annual Conference on Network Science and Economics (Chicago / online), Econometric Society European Meeting (Manchester), Economic Science Association World Meeting (Vancouver), Annual Conference of the Canadian Economic Association (Banff)</p> <p>2016–2018: Stanford Institute for Theoretical Economics, PhD Conference in Business and Economics (Melbourne), Behavioural Economics: Foundations and Applied Research Workshop (Sydney), Australia New Zealand Workshop on Experimental Economics (Melbourne), Economic Science Association European Meeting (Vienna), Economic Science Association North-American Meeting (Tucson), UNSW Programming Workshop (Organizer), UNSW Learning and Teaching Workshop</p>
Seminars	<p>2023: Central European University, University of Vienna, Masarykova Univerzita, Universität Duisburg-Essen</p> <p>2021–2022: University of California at Davis, University College London, Université de Montréal, University of Texas at Dallas Naveen Jindal School of Management, Universität Wien, Florida State University, Koç Üniversitesi, Universidad de Alicante, Wirtschaftsuniversität Wien (2), Western University, University of Toronto Theory Workshop, University of Toronto Rotman School of Management Industrial Organization Brownbag, University of Toronto Rotman School of Management Marketing Brownbag, Behavioral-Experimental Brownbag, University of Toronto Teaching and Learning Community of Practice</p> <p>2019–2020: University of Toronto Rotman School of Management Industrial Organization Brownbag, University of Toronto Theory Workshop (2), Wirtschaftsuniversität Wien, McMaster University, University of Saskatchewan</p> <p>2016–2018: UNSW Empirical Micro Group Workshop, UNSW Theory Workshop, University of Technology Sydney (2), University of Sydney, Wirtschaftsuniversität Wien</p>
Refereeing	Economic Enquiry, Economic Journal, European Economic Review, Experimental Economics, Journal of Banking and Finance, Journal of Behavioral and Experimental Economics, Journal of Economic Theory, Journal of Mathematical Economics, Journal of the European Economic Association, Management Science, Strategic Management Society, The Journal of Law and Economics
Summer Schools	<p>2015: New York University: Neuroeconomics, Society for Economic Design: Economic Design and Experimental Economics</p> <p>2014: University of East Anglia: Economics of Organizations and Game Theory</p>
Service	<p>2022–2023: Junior Recruitment (Theory & VCEE lab manager), Co-Organizer of the Behavioral Seminar</p> <p>2019–2022: Co-Organizer of the Behavioral Seminar & Theory Workshop at UofT, Letter Writer for 20 Students to Support Graduate School Applications</p> <p>2020–2021: Advisor to the City of Toronto</p> <p>2015–2018: President of the Economics Research Students Association at UNSW Sydney</p>

Teaching Experience

UniVie	040106UK Decision and Game Theory (ug, 2023)
	040184UK Microeconomics (ug, 2022, 2023)

UofT	ECO316 Applied Game Theory (ug, 2018, 2019, 2020, 2021, 2022) RSM3090 Experimental Economics (PhD, 2020, guest lecture)
UNSW	ECON1202 Quantitative Analysis for Business and Economics (ug, 2015, 2016) COMM5005 Quantitative Analysis for Business and Economics (pg, 2015, mult. lectures) COMM5011 Data Analysis for Business (pg, 2018) ECON6310 Advanced Behavioural and Experimental Economics (PhD, 2014, 2016, mult. lectures)
MQ	ECON396 European Union Economics (ug, 2013) ECON847 International Trade (pg, 2013)

Academic Honors

Awards

2019	Business School Higher Degree Research Student Thesis Award for the Best Doctoral Dissertation
2017	John McMillan Prize for the Best Paper in Economics by a PhD Student
2016	Dean's Award for Service
2015	Dean's Award for Service
2015	PhD Engagement Award
2011	The Faculty of Business and Economics Prize

Scholarships

2020–2022	BI.Org Behaviorally Informed Organizations Postdoctoral Funding, Behavioral Economics in Action Research Center at the Rotman School of Management (BEAR)
2017	PhD Placement Scholarship for Research Excellence UNSW Business School Top Up Scholarship
2017–2018	PhD Scholarship for Experimental Studies of Networks and Coalitions
2016	University of Cologne FOR Fellowship
2015	New York University Scholarship
2014–2017	Australian Research Council Discovery Grant Scholarship UNSW Tuition Fee Scholarship University International Postgraduate Award Supplementary Scholarship
2011–2013	Macquarie University International Scholarship
2009–2010	Arbeitskreis Spanien Lateinamerika Scholarship

Research & Travel Grants

2022	Graf Hardegg Foundation Research Grant (€8000) UniVie Vienna Center for Experimental Economics Research Grant (€5000) UniVie Small Research Grant (€2000) UofT Department of Economics Research Grant (\$1500)
2021	UC Berkeley Haas School of Business Research Grant (\$13500) UofT Department of Economics Research Grant (\$1500)
2020	UofT Department of Economics Research Grant (\$1500)
2019	UofT Department of Economics Research Grant (\$1500)
2018	UNSW School of Economics Postgraduate Travel Grant (\$1500) UNSW School of Economics Postgraduate Travel Grant (\$1000)
2017	UNSW School of Economics Postgraduate Research Grant (\$3000) UNSW School of Economics Postgraduate Research Grant (\$1500) UNSW School of Economics Postgraduate Travel Grant (\$4000)
2016	UNSW BizLab Faculty Small Project Grant (\$5000) UNSW BizLab Small Project Grant (\$3000) UNSW Postgraduate Research Student Support (\$2200)
2015	UNSW BizLab Faculty Small Project Grant (\$5000) UNSW BizLab Small Project Grant (\$3000)

Other Skills & Status

Software	Eye-Link, HTML, JavaScript, \LaTeX , Mathematica, MATLAB, ORSEE, oTree, Python, Stata, Tobii, zTree
Languages	English, German, Spanish (fluent), Portuguese (advanced), Latin (Latinum), and Turkish (basic)
Citizenship	Chile & Germany
Permanent Residency	Australia & Canada