

# Clemens Possnig

ASSISTANT PROFESSOR · ECONOMICS, UNIVERSITY OF WATERLOO (2023 - )

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## Education

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### **University of British Columbia**

PHD ECONOMICS

- Fields: Microeconomic Theory, Algorithmic Learning, Econometrics
- Committee: Li Hao (co-supervisor), Vitor Farinha Luz (co-supervisor), Michael Peters

Vancouver, Canada

2016 - 2023

### **Institute for Advanced Studies**

MSc ECONOMICS

Vienna, Austria

2014 - 2016

### **Karl Franzens University**

BA ECONOMICS

Graz, Austria

2010-2014

## Affiliations

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### **Data and Artificial Intelligence Institute, University of Waterloo**

### **Cybersecurity and Privacy Institute, University of Waterloo**

## Working Papers

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**Strategic Learning** (with [Galit Ashkenazi-Golan](#), [Edward Plumb](#), and [Yufei Zhang](#))

### **The Bounds to Algorithmic Collusion: Q-learning, gradient learning, and the Folk Theorem**

(with [Galit Ashkenazi-Golan](#), [Domenico Mergoni Cecchelli](#), and [Edward Plumb](#))

**Algorithmic Advice and Cheap Talk** (with [Emilio Calvano](#) and [Juha Tolvanen](#))

**Reinforcement Learning and Collusion** (submitted)

### **Estimating Diffusion over multiple large Networks in a dynamic linear panel Model**

(with [Andreea Rotarescu](#) and [Kevin Song](#)) ([R & R Management Science](#))

## Awards, Fellowships, & Grants

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2025-2027	<b>SSHRC Insight Development Grant</b> , SSHRC	CAD 64,000
2024-2025	<b>UW/SSHRC Explore Grant</b> , University of Waterloo, SSHRC	CAD 6,800
2024	<b>Mitacs Globalink Research Award</b> , Mitacs	CAD 7,000
2020-2022	<b>President's Academic Excellence Award</b> , University of British Columbia	
2016-2021	<b>Four Year Fellowship</b> , University of British Columbia	CAD 90,000

2019-2020	<b>Graduate Fellowship in Gambling Research 6798</b> , University of British Columbia	CAD 60,000
2020	<b>SSHRC Explore - Faculty of Arts Adaptation Research Assistant Grant</b> , University of British Columbia	CAD 4,000
2019	<b>Faculty of Arts Graduate Award</b> , University of British Columbia	CAD 3,800
2018	<b>Best 2nd Year Paper Award</b> , University of British Columbia	CAD 1,000
2017	<b>Best Student in 1st Year Micro, Macro and Econometrics Class</b> , University of British Columbia	
2014-2016	<b>Full Scholarship</b> , IHS Vienna	
2015	<b>Excellence Award</b> , IHS Vienna	

## Conferences and Seminars (including forthcoming) ---

2025	ASSA Annual Meeting, York University, BIRS Stochastic Control and RL, Econometrics and Models of Strategic Interactions (QMU)
2024	London School of Economics, Imperial College, University of Essex, Algorithmic Learning in Games Seminar (Organizer), UC Berkeley Industrial Engineering & OR, SEA Annual Conference
2023	SAET Conference Paris, INFORMS Annual Meeting (Session Organizer), Workshop on Game Theory and Machine Learning (LSE), SEA Annual Conference
2022	MATE seminar at Royal Holloway University of London, ACM Economics and Computation, Game Theory and Applications, CORS/INFORMS, Canadian Economic Theory
2021	Stony Brook International Conference on Game Theory

## Teaching Experience ---

2025	<b>Econ 393</b> , Market Failures	U of Waterloo
2023,2024	<b>Econ 392</b> , Strategic Situations and Welfare Economics	U of Waterloo
2023,2024	<b>Econ 101</b> , Intro to Microeconomics	U of Waterloo
2020	<b>Comprehensive Exam in Microeconomics</b> , Official Tutor	UBC
2018,2019	<b>PhD Math Camp</b> , Instructor (Math review course for 1st year PhD students)	UBC
2017,2018	<b>Microeconomics</b> , Teaching Assistant (MA level)	UBC
2015	<b>Time Series Econometrics</b> , Teaching Assistant (MSc level)	IHS Vienna

## Referee ---

American Economic Review, Econometrica, Journal of Comments and Replications in Economics, ACM Conference on Economics and Computation

## Consulting Experience ---

Jan-Dec 2019	Research Assistant to Prof. <a href="#">Hendrik Wolff</a> (LSE) under the New Mobility Research Grant. A project funded by Vancouver's public transport agency ("TransLink"). Produced a <a href="#">whitepaper</a> to guide the incorporation of new mobility services in Vancouver's urban transportation sector. Particular focus on the effects of various data sharing policies on competition.
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## Languages

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### SOFTWARE

MATLAB, PYTHON, JULIA, SQL

### LANGUAGE

English (Fluent), German (Native), French (CEPR: C1), Spanish (CEPR: B2), Mandarin (CEPR: A2)