Jan Christoph Schlegel

Contact Information

City, University of London

Northampton Square

London, EC1V 0HB

United Kingdom

Phone: +44 20 7040 4524

Email: `jansc@alumni.ethz.ch`

Employment

2020-now   Senior Lecturer, City, University of London

2017-2020   Lecturer, City, University of London

Education

2012-2017   Ph.D. in Economics, HEC Lausanne

2015-2016   Visiting Graduate Student, Stanford University

2013-2014   Swiss Program for Doctoral Students in Economics, Study Center Gerzensee

2010-2011   M.Sc. in Mathematics, ETH Zurich

2006-2010   B.Sc. in Mathematics, ETH Zurich

Publications

"The Structure of Equilibria in Trading Networks with Frictions"
Theoretical Economics, Volume 17, pp. 801–839, 2022.

"Welfare Theorems for Random Assignments with Priorities" (with A. Mamageishvili)
Games and Economic Behavior, Volume 124, pp 62–81, Elsevier, 2020.

"Equivalent Choice Functions and Stable Mechanisms"
Games and Economic Behavior, Volume 123, pp. 41-53, Elsevier, 2020.

"Top Trading Cycles, Consistency, and Acyclic Priorities for House Allocation with Existing Tenants" (with M. Karakaya and B. Klaus)
Journal of Economic Theory, Volume 184, Elsevier, 2019.

"A Note on Ex-Ante Stable Lotteries"
Economics Letters, Volume 164, pp 90-93, Elsevier, 2018.

"Contracts versus Salaries in Matching: A General Result"
Journal of Economic Theory, Volume 159, pp 552-573, Elsevier, 2015.

"The Price of Anarchy in Network Creation Games is (Mostly) Constant" (with M. Mihalák)
Theory of Computing Systems, Volume 53, Issue 1, pp 53–72, Springer, 2013.

Conference Proceedings

"Smart Contracts with Costly Verification" (with A. Mamageishvili) International Conference on Blockchain and Cryptocurrency, **IEEE ICBC 2020**

"Trading Networks with General Preferencs", Proceedings of the 20th ACM Conference on Economics and Computation, **EC'19**

"Virtual Demand and Stable Mechanisms", Proceedings of the 17th ACM Conference on Economics and Computation, **EC'16**.

"Asymmetric swap-equilibrium: A unifying equilibrium concept for network creation games" (with M. Mihalák), International Symposium on Mathematical Foundations of Computer Science, **MFCS 12**.

Working Papers

"Reallocation with Priorities" (with J. Combe)

"On-Chain Auctions with Deposits" (with A.Mamageishvili)

Research Visits

07/2019   Waseda Institute for Advanced Studies

09-10/2014   University of Rochester, Department of Economics

Presentations

2022: University of St Gallen, 2nd Workshop on Decentralized Finance (DeFi 2022), Durham University, İzmir Kâtip Çelebi University

2021: Game Theory World Congress, SAET Conference, Dagstuhl Workshop on Matching under Preferences

2020: University of Montreal, University of North Carolina, Econometric Society World Congress, IEEE International Conference on Blockchain and Cryptocurrencies, Lausanne Market Design and Matching Workshop

2019: University of Bristol, Hitotsubashi University (Tokyo), 2019 Nanjing International Conference on Game Theory & the Sixth Microeconomics Workshop, Econometric Society Summer Meeting (Seattle), 20th ACM Conference on Economics and Computation (Phoenix), RES Annual Meeting (Warwick), Swiss Theory Day (Basel), 5th Workshop on Matching under Preferences (MATCH-UP 2019, Ascona)

2018: ASSA annual meeting (Philadelphia), Matching in Practice (Cologne), Durham University, HEC Lausanne, Conference on Economic and Institution Design (Durham), ZEW Mannheim, Lisbon Meetings in Game Theory

2017: Lisbon Meetings in Game Theory, Young Swiss Economists Meeting (Zurich), Maastricht University, Aix-Marseille School of Economics, Bocconi University, Young Researchers' Workshop in Economics and Computation (Tel Aviv, invited talk)

2016: Future Directions of Computational Social Choice (Budapest, invited talk), 17th ACM Conference on Economics and Computation (Maastricht), Fifth World Congress of the Game Theory Society (Maastricht), 2nd Workshop on AGT and Data Science (Maastricht), Swiss Theory Day (Zurich), 13th Meeting of the Society for Social Choice and Welfare (Lund)

2015: Conference on Economic Design (Istanbul), 3rd Workshop on Matching under Preferences (MATCH-UP 2015, Glasgow)

2014: 2nd Summer School of the Econometric Society (Seoul), 12th Meeting of the Society for Social Choice and Welfare (Boston), Workshop on Matching and Network Formation (Marseille), CIREQ Montreal Matching Conference (Montreal)

Teaching

City, University of London, Department of Economics

Intermediate Mathematical Methods (undergraduate), Spring 2018-2022

Microeconomic Theory (Master), Fall 2017-2021

Topics in Applied Microeconomics, Market Design (undergraduate), Fall 2019-2021

Blockchain and Cryptocurrencies: Economics, Finance and Law, Fall 2019, Summer 2021

University of Lausanne, Department of Economics

Game Theory (Master), Teaching Assistant, Spring 2014, 2015, 2016

Industrial Organization (Master), Teaching Assistant, Spring 2013, 2014

Intermediate Microeconomics (undergraduate), Teaching Assistant, Fall 2012

Advanced Microeconomics (Master), Teaching Assistant, Fall 2012

Other Professional Activities

Other Affiliations

2020-now   Center for Market Design, University of Zurich

2021-now   DeFi Researcher, Nethermind, London

2019-now   Expert Fellow, Swiss Economics AG, Zurich

Refereeing

Journals: ACM Transactions on Economics and Computation, Econometrica, Games and Economic Behavior, International Economic Review, International Journal of Game Theory, Journal of Economic Theory, Journal of Mathematical Economics, Mathematical Social Sciences, Quarterly Journal of Economics, Review of Economic Design, SIAM Journal on Computing, SIAM Journal on Discrete Mathematics, Social Choice and Welfare, Theoretical Computer Science, Theoretical Economics

Conferences: Symposium of Algorithmic Game Theory (SAGT), Symposium on Parallelism in Algorithms and Architectures (SPAA), Theoretical Aspects of Rationality and Knowledge (TARK)

Conferences and Workshops

08/2022   Program Committee Member for MATCH-UP 2022

03/2020   Co-organizer and host of the first U.K. matching and market design workshop

Languages

German (native), English, French