

Daniel Rehsmann

DOCTORAL RESEARCHER · MICROECONOMIC THEORIST

24. SEPTEMBER 1990 · VIENNA – AUSTRIA

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💬 [live:daniel.rehsmann](https://www.twitch.tv/danielrehsmann) | 🎓 Daniel Rehsmann

Academic Professions

University of Vienna

SCIENTIFIC PROJECT STAFF AT THE DEPARTMENT OF BUSINESS DECISIONS AND ANALYTICS

- Contest Theory
- Mechanism Design
- Industrial Organization

Vienna (AUT)

May 2021 - current

Alpen-Adria Universität Klagenfurt

PRE-DOCTORAL RESEARCHER AT THE DEPARTMENT OF ECONOMICS

- Contest Theory
- Industrial Organization

Klagenfurt (AUT)

Sep. 2019 - May 2024

Alpen-Adria Universität Klagenfurt

SCIENTIFIC ASSISTANT AT THE DEPARTMENT OF GEOGRAPHY

- Econometric Analysis of Public Transport

Klagenfurt (AUT)

Mar. 2018 – Sep. 2019

Alpen-Adria Universität Klagenfurt

TEACHING ASSISTANT AT THE DEPARTMENT OF GEOGRAPHY

Klagenfurt (AUT)

Oct. 2016 – Feb. 2017

Alpen-Adria Universität Klagenfurt

RESEARCH ASSISTANT AT THE CENTRE FOR PEACE STUDIES AND PEACE EDUCATION

Klagenfurt (AUT)

Oct. 2016 – Feb. 2017

Education

Alpen-Adria Universität Klagenfurt

PH.D.: MODELING, SIMULATION AND OPTIMIZATION IN ECONOMICS

- Cumulative Dissertation in Game Theory · Summa cum laude
- Contributions to: Contest Theory · Mechanism Design · Industrial Organization

Klagenfurt (AUT)

Sep. 2019 - May 2024

Alpen-Adria Universität Klagenfurt

MSC. IN INTERNATIONAL MANAGEMENT

- Masterthesis: The Enclosure of the Intellectual Sphere · Top grade

Klagenfurt (AUT)

Oct. 2014 - Sep. 2018

Alpen-Adria Universität Klagenfurt

BSC. IN BUSINESS ADMINISTRATION

- Bachelorthesis: Impact Measurement Methods in Social Entrepreneurship · Top grade

Klagenfurt (AUT)

Oct. 2011 - Jul. 2014

Publications

The Sumo Coach Problem

[ONLINE AVAILABLE HERE](#)

Review of Economic Design

Oct. 2022

Properties of Bundle Valuations in Carrier Collaboration

WITH DMITRIY KNYAZEV AND RUDOLF VETSCHERA – [ONLINE AVAILABLE HERE](#)

CEJOR

Oct. 2022

Job Market Papers

Contesting Fake News

WITH BEATRICE ROUSSILLON AND PAUL SCHWEINZER – [ONLINE AVAILABLE HERE](#)

CESifo Working Paper

Sep. 2023

Abstract: We model competition on a credence goods market governed by an imperfect label, signaling high quality, as a rank-order tournament between firms. In this market interaction, asymmetric firms jointly and competitively control the underlying quality ranking's precision or verifiability by releasing individual information. While the labels and the information they are based on can be seen as a public good guiding the consumers' purchasing decisions, individual firms have incentives to strategically amplify or counteract the competitors' information emission, thereby manipulating the label's (or ranking's) discriminatory power. Elements of the introduced theory are applicable to several (credence-good) industries which employ labels or rankings, including academic departments, books, music, and investment opportunities.

Choose Your Auction: Mechanism Design for a Bidder

WITH DMITRIY KNYAZEY – [ONLINE AVAILABLE HERE](#)

SSRN Working Paper

Oct. 2023

Abstract: This study discusses the maximization of a bidder's utility in auctions by leveraging the information about a bidder's value to formulate the auction's rules. To make the analysis interesting, the research focuses on auction formats perceived as fair and unbiased, in line with common European Union or World Trade Organization procurement regulations. In the main model setup, we do not allow the auctioneer to pay the bidders and characterize a preferable auction format as a second-price auction which pools – i.e., does not distinguish between – certain sets of bids. The analysis is then extended to allow for transfers towards bidders. In this more permissible environment we demonstrate that a substantially positive net interim utility can be guaranteed to a bidder without running a deficit in equilibrium. The theory is applied to a model of favoritism, discussing whether forms of preferential treatment in auctions are preventable or detectable.

Teaching

Introduction to Microeconomics

UNDERGRADUATE (T.A.)

University of Klagenfurt

Sep 2019 - Jul 2021

Introduction to Macroeconomics

UNDERGRADUATE (T.A.)

University of Klagenfurt

Sep 2020 - Feb 2021

Quantitative and Qualitative Research Methods

MASTER (T.A.)

University of Klagenfurt

Sep 2020 - Feb 2021

Interdisciplinary Conflict Research in the Alps-Adriatic Region

MASTER (LECTURER)

University of Klagenfurt

Sep 2018 - Jul 2021

Algorithmic Game Theory

PH.D. (T.A.)

University of Ljubljana

Sep 2022 - Feb 2023

Introduction to Business Administration

UNDERGRADUATE (T.A.)

University of Vienna

Feb 2022 - Jul 2022

Management I

UNDERGRADUATE (T.A.)

University of Vienna

Feb 2022 - Jul 2022

Management II

UNDERGRADUATE (T.A.)

University of Vienna

Sep 2023 - current

Conference Talks

- 2023 **Choose Your Auction: Mechanism Design for a Bidder**, European Winter Meeting of the Econometric Society *Manchester (GBR)*
- Contesting Fake News**, Conference on Economic Design *Girona (ESP)*
- Contesting Fake News**, UECE Game Theory Lisbon Meetings - Programme *Lisbon (PRT)*
- 2022 **Contesting Fake News**, Contests: Theory and Evidence *Reading (GBR)*
- 2021 **The Sumo Coach Problem**, Contests: Theory and Evidence *Berlin (DEU)*

References

Univ.-Prof. Mag. Dr. Paul Schweinzer, MSc

Department of Economics
Alpen-Adria University Klagenfurt
9020 Klagenfurt, Austria
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Prof. Alex Gershkov

The Bogen Family Department of Economics
Hebrew University of Jerusalem
91905 Jerusalem, Israel
✉ alex.gershkov@mail.huji.ac.il

Univ.-Prof. Dr. Oliver Fabel, M.A.

Department of Business Decisions and Analytics
University of Vienna
1090 Vienna, Austria
✉ oliver.fabel@univie.ac.at

Ass.-Prof. Dr. Dmitriy Knyazev, BSc MA

Department of Business Decisions and Analytics
University of Vienna
1090 Vienna, Austria
✉ dmitriy.knyazev@univie.ac.at

Extracurricular Activity

Herbert C. Kelman Institute for Interactive Conflict Transformation

MEMBER OF WORKING GROUP

Vienna (AUT) · Piran (SLO)

Sep. 2016 - current

Network for Peace Studies in Austria

COORDINATION TEAM MEMBER

Schlaining (AUT)

Jun. 2016 - Nov. 2019

Office of the High Representative for Bosnia-Herzegovina

INTERNSHIP AT THE POLITICAL ADVISORY COMMITTEE

Sarajevo (BiH)

Mar. 2017 - Jul. 2017

Signet Logistics

CHEF DE BAR

Murmansk (RUS) · Arctis

May 2015 - Oct. 2015

Skills

Theoretical Interests Game Theory · Auctions · Contests · Mechanism Design · Industrial Organization

Programming Wolfram Mathematica · R · Perl · Bash · Python · LaTeX · CUDA · HPC-Parallelization

Graphic Design Adobe PS · Adobe ID · Adobe IL · Adobe LR · Inkscape · WordPress

Languages Slovene (C2) · German (C2) · English (C1) · Bosnian-Croatian-Serbian (B2)
Italian (B1) · Spanish (A2)

Interests Theater Acting · Photography · Chess · Piano