

DAVID DELACRETAZ

Nuffield College, New Road, Oxford, OX1 1NF, United Kingdom

🌐 daviddelacretaz.net

✉ david.delacretaz@economics.ox.ac.uk

☎ +447427 660274

Employment

2018 - Present Postdoctoral Prize Research Fellow, Nuffield College and Department of Economics, University of Oxford

Education

2012 - 2018 Ph.D., Economics, University of Melbourne
Thesis Title: “Complements and Markets: Essays in Matching Theory”
Advisors: Simon Loertscher, Claudio Mezzetti, Jun Xiao

2009 - 2011 M.Sc., Economics, University of Lausanne
Thesis Title: “Matching in the Context of an Exchange Program”
Thesis Advisor: Bettina Klaus

2006 - 2009 B.Sc., Economics, University of Lausanne

Teaching and Research Fields

Applied Microeconomic Theory, Market Design, Matching Theory, Mechanism Design

Job Market Paper

“Processing Reserves Simultaneously” [[download](#)] [[1h talk](#)]

Abstract: Policymakers frequently use reserve categories to combine competing objectives in allocating scarce resources based on priority. For example, schools may prioritize students from underprivileged backgrounds for some of their seats while allocating the rest of them based solely on academic merit. The order in which different categories are processed has been shown to have an important, yet subtle impact on allocative outcomes—and has led to unintended consequences in practice. I introduce a new, more transparent way of processing reserves, which handles all categories simultaneously. I provide an axiomatic characterization of my solution, showing that it satisfies basic desiderata as well as *category neutrality*: if an agent qualifies for n categories, she takes $1/n$ units from each of them. A practical advantage of this approach is that the relative importance of categories is entirely captured by their quotas.

Publications

“Comparative Statics for Size-Dependent Discounts in Matching Markets” (with Scott Duke Kominers and Alexandru Nichifor)

Journal of Mathematical Economics, 90: 127-131, October 2020 [[link](#)]

“Essentially Stable Matchings” (with Peter Troyan and Andrew Kloosterman)

Games and Economic Behavior, 120: 370-390, March 2020 [[link](#)]

“Two-Sided Allocation Problems, Decomposability, and the Impossibility of Efficient Trade” (with Simon Loertscher, Leslie Marx, and Tom Wilkenning)

Journal of Economic Theory, 179: 416-454, January 2019 [[link](#)]

Working Papers

“When Walras Meets Vickrey” (with Simon Loertscher and Claudio Mezzetti) [[download](#)]
Revise and Resubmit: *Theoretical Economics*

“Matching Mechanisms for Refugee Resettlement” (with Scott Duke Kominers and Alexander Teytelboym) [[download](#)]

“Stability in Matching Markets with Sizes” [[download](#)]

Teaching

2019 - Present	Teaching Assistant for Microeconomics (first year Ph.D.), University of Oxford
2020	Guest Lecturer for Market Design, Johns Hopkins University
2018	Teaching Assistant and Guest Lecturer for Microeconomics (first year Ph.D.), University of Melbourne
2015 - 2018	Lecturer and Teaching Assistant for Price Theory (second year UG), Royal Melbourne Institute of Technology and Singapore Institute of Management
2014	Lecturer for the Victorian Competition and Efficiency Commission (VCEC) Executive Education Program, Centre for Market Design and University of Melbourne
2014	Teaching Assistant for Microeconomics (third year UG), University of Melbourne

Professional Activities

Seminar Organizer	Learning, Games, and Networks Seminar, University of Oxford (2019-21) Postdoctoral Fellows Seminar (Economics), University of Oxford (2018-9)
Referee	<i>American Economic Journal: Economic Policy</i> , <i>American Economic Journal: Microeconomics</i> , <i>Games and Economic Behavior</i> , <i>Journal of Economic Theory</i> , <i>Scandinavian Journal of Economics</i> , <i>Theoretical Economics</i>
Applied Work	Consult on matching markets for the Centre for Market Design at the University of Melbourne, including the allocation of child care and kindergarten places in the State of Victoria, the placement of Australian Commonwealth Treasury graduates to their final position, and a job mobility program at the Department of Treasury and Finance (DTF), Victorian Government (2013-8)

Honors and Scholarships

2020	Best Job Market Paper Award, European Job Market
2019	George Webb Medley and OEP Fund, University of Oxford
2018	Williams Prize for Excellence in the Ph.D. Thesis, University of Melbourne
2016 and 2017	Faculty of Business and Economics Travelling Scholarship, Univ. of Melbourne
2016	Student with the most potential in Economics, Ph.D. Conference in Economics and Business Best presentation in Economics, Ph.D. Conference in Economics and Business
2015	Centre for Market Design Ph.D. Scholarship, University of Melbourne
2013	Kilmany Scholarship for highest result in Economics Ph.D. Coursework, University of Melbourne
2012 to 2016	Melbourne Research Scholarship, University of Melbourne Research Higher Degrees Studentship, University of Melbourne

Conference and Seminar Presentations

- 2020 European Winter Meetings of the Econometric Society (online, scheduled)
ESMT Berlin (Online Research Seminar, scheduled)
Australasian Microeconomic Theory Seminar (online) [\[video\]](#)
Johns Hopkins University (Theory Seminar, online)
NBER Market Design Working Group Meeting (online)
Lausanne Matching and Market Design Workshop (online)
Stanford University (Market Design Workshop, online)
HEC Lausanne (Micro Theory Lunch Seminar, online)
UK Matching Workshop (City, University of London)
- 2019 Lisbon Meetings in Game Theory and Applications
Transatlantic Theory Workshop (Oxford)
Conference on Economic Design (Budapest)
Match-Up (ETHZ, Monte Verità)
Royal Economic Society Meetings (University of Warwick)
University of Melbourne (Economic Theory and Experimental Seminar)
City, University of London (Lunch Theory Seminar)
- 2018 Lisbon Meetings in Game Theory and Applications
Econometric Society European Meeting (Cologne)
Melbourne Industrial Organization and Theory Day (University of Melbourne)
Australasian Economic Theory Workshop (Australian National University)
- 2017 Australasian Public Choice Conference (Deakin University)
Nuffield College, University of Oxford (Job Market Talk)
Australian National University (Economic Theory Seminar)
HEC Lausanne (Microeconomics Seminar)
Conference on Economic Design (University of York)
Swiss Society of Economics and Statistics Annual Congress (Lausanne)
Toulouse School of Economics (Applied Theory Workshop)
Match-Up (Poster, Microsoft Research New England)
Australasian Economic Theory Workshop (Auckland)
- 2016 University of Melbourne - Toulouse School of Economics Workshop (Melbourne)
Ph.D. Conference in Economics and Business (University of Western Australia)
NBER Market Design Working Group Meeting (Stanford University)
Econometric Society Australasia Meeting (University of Technology Sydney)
Department of Treasury and Finance, Victorian Government (Lunch Seminar)
Australasian Economic Theory Workshop (Monash University)
- 2015 University of Queensland (Economic Theory Seminar)
Australasian Economic Theory Workshop (Deakin University)
- 2014 Econometric Society European Meeting (Toulouse)

References

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| Prof. Paul Klemperer
University of Oxford
✉ paul.klemperer@nuffield.ox.ac.uk | Prof. Scott Duke Kominers
Harvard Business School
✉ kominers@fas.harvard.edu |
| Prof. Simon Loertscher
University of Melbourne
✉ simonl@unimelb.edu.au | Prof. M. Utku Ünver
Boston College
✉ unver@bc.edu |

Personal

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| Citizenship | Switzerland, Australia |
| Languages | French (native), English (fluent), German (intermediate), Italian (intermediate) |