

# TOÀN V.K. LÊ

(updated 31st January 2026)

Postdoctoral Research Fellow · Economist

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 Department of Economics, Manor Road Building, University of Oxford

## ACADEMIC APPOINTMENTS

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<b>Postdoctoral Research Fellow</b> Department of Economics, The University of Oxford Host: Prof. Alexander Teytelboym	Mar 2025 - present
<b>Non-Stipendiary Research Fellow</b> Nuffield College, The University of Oxford Host: Prof. Paul Klemperer	Jun 2025 - present
<b>Postdoctoral Research Fellow</b> ( <i>expected</i> ) The University of Helsinki Host: Dr. Saara Hämäläinen	Jul 2026 - Jul 2028

## REFERENCES

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<b>Prof. Simon Loertscher</b> The University of Melbourne Contact: simonl@unimelb.edu.au · +61 (0)3 8344 5364
<b>Assoc. Prof. Ivan Balbuzanov</b> The University of Melbourne Contact: ivan.balbuzanov@unimelb.edu.au
<b>Assoc. Prof. Péter Esö</b> The University of Oxford Contact: peter.eso@economics.ox.ac.uk · +44 7472665182

## EDUCATION

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<b>Ph.D. in Economics</b> The University of Melbourne  Dissertation: Essays on the Design of Efficient Trade and Bargaining Mechanisms	Jan 2021 - Jul 2025
<b>Ph.D. Visiting Research Fellow</b> Host: Assoc. Prof. Péter Esö, Prof. John Vickers The University of Oxford	Apr 2024 - Jul 2024
<b>Master of Commerce</b> The University of Melbourne · <i>First class Honour</i>	Feb 2019 - Dec 2020
<b>Honours Degree in Economics</b> Australian National University · <i>First class Honour</i>	Feb 2018 - Dec 2018

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**FIELDS**

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Mechanism design, bargaining theory, industrial organization

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**PUBLICATIONS**

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1. A demand-and-supply approach to markets, core stability, and mechanism design  
(*forthcoming, Journal of Economic Education*)
2. AGV mechanism balances the budget with minimum total transfer variance  
(2026, *Journal of Mathematical Economics*)
3. Robust lower bounds on monopoly profit with  $\alpha$ -concave demand  
(2024, *Economics Letters*)

Other Publication(s):

4. Geometry of Gains: How Competitive Markets Keep Everyone on Board  
(2025, *Mathematical Intelligencer*) with Trang Le

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**WORKING PAPERS**

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1. The shadow price of rationality (*submitted*)
2. Strategic defaults in emerging land auctions: A case study in Vietnam (*submitted, with L.D.*)
3. Strategy-proofness versus collusion-proofness (*with Alex Teytelboym*)
4. Static and dynamic "Stackelberg" mechanisms (*with Alex Teytelboym*)
5. Stability by design
6. (In)complete information bargaining (*Job Market Paper*)
7. The simple economics of the impossibility of efficient trade

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**SCHOLARSHIPS AND AWARDS**

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<b>FBE Graduate Research Enhancement Grant</b>	2024
<b>FBE Economics Graduate Research Abroad Travel Scholarship</b>	2023, 2024
<b>M. A. Bartlett Research Scholarship</b>	2023
<b>Jim Perkins PhD Travelling Scholarship</b> For visiting Oxford University	2023
<b>University of Melbourne Research Scholarship</b> Master of Commerce, Doctor of Philosophy in Economics	2019 - 2025
<b>ANU Honours Scholarship</b>	2018
<b>UQ Undergraduate Scholarship</b>	2015 - 2017

## SEMINARS AND CONFERENCES

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**2026:** Nuffield Theory Workshop (*scheduled*, Oxford); Department Theory Seminar (*scheduled*, Helsinki GSE); Oxford Economic Theory Workshop (*scheduled*, Oxford); Conference on Market Design (*scheduled*, Tokyo)

**2025:** PhD Completion Seminar (Unimelb); Job Market Talk (Helsinki GSE); Job Market Talk (Oxford); Transatlantic Theory Workshop (Bocconi); Department Theory Seminar (Royal Holloway)

**2024:** PhD Conference (ANU); European Economic Theory Workshop (University of Manchester); Microeconomics Theory Seminar (University of Oxford); Department Seminar for Economics Theory (ANU); PhD Brown Bag (Unimelb); Australian Economic Theory Workshop (Unimelb); 23rd Conference Society for Advancement of Economic Theory (University of Chile)

**2023:** PhD Brown Bag (Unimelb); 40th Australasian Economic Theory Workshop (ANU); PhD Summer Institute for IO and International Trade (Flinders); WEAI 17th International Conference (Unimelb); Department Seminar (UQ); Markets Contracts and Organizations Conference (ANU); Vietnam Economic Annual Meeting (University of Danang); Asian Meeting of the Econometric Society (Nanyang Technological University); Econometric Society Australasian Meeting (UNSW Sydney); European Association for Research in Industrial Economics (LUISS University); European Meeting of the Econometric Society (Barcelona School of Economics); Department Seminar (Deakin University)

**2022:** PhD Brown Bag (Unimelb); Melbourne IO Workshop (Monash); Economic Theory Workshop (Deakin); Asian Summer School in Game Theory (NUS); ISEO Summer School (Iseo Italy); Asia-Pacific Industrial Organisation Conference (Sydney)

## TEACHING EXPERIENCE

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**Lecturer** 2025

The University of Oxford

Delivered 5 lectures for MPhil Maths Crash Course

**Guest Lecturer** 2022, 2025

The University of Melbourne

Delivered the Microeconomics lecture for first-year PhD students (one lecture in 2022 and one in 2025)

**Teaching Assistant** 2021 - 2025

The University of Melbourne

**Undergraduate:** Introductory Microeconomics, Quantitative Method II, Competition and Strategy, Econometrics 2, Econometrics 3

**Graduate:** Microeconomics for 1st year PhD, Microeconomics 2

## OTHER ACTIVITIES

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**Refereeing:** Journal of Economic Theory ( $\times 2$ ), Journal of Economic Behaviour and Organization ( $\times 2$ ), Economics Letters ( $\times 1$ ), Mathematical Social Sciences ( $\times 1$ )

**Research Assistant:** Prof. Simon Loertscher (2021-2025), Prof. Ivan Balbuzanov (2022, 2025)

## SKILLS

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**Programming:** Python, MATLAB, R, Stata, EViews, Mathematica,  $\LaTeX$

**Languages:** English (fluent), Vietnamese (native)