

Curriculum Vitae

TAKURO YAMASHITA

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EMPLOYMENT

- 2022- Professor (tenured), Osaka School of International Public Policy, Osaka University
 - 2024.3- Distinguished Professor, Osaka University
- 2017-2022 Professor (tenured), Toulouse School of Economics, University of Toulouse Capitole
- 2011-2017 Assistant Professor, Toulouse School of Economics, University of Toulouse Capitole

EDUCATION

- 2011, June: Ph.D. in Economics, Stanford University (US)
- 2004, March: M.A. in Economics, Hitotsubashi University (Japan)
- 2003, March: B.A. in Economics, Hitotsubashi University (Japan)

RESEARCH INTERESTS Microeconomics, Mechanism design, Information design, Game theory

PUBLICATIONS

- “Mechanism games with multiple principals and three or more agents”, *Econometrica*, 2010, 78(2), 791-801.
- “Implementation in Weakly Undominated Strategies: Optimality of Second-Price Auction and Posted-Price Mechanism”, *Review of Economic Studies*, 2015, 82 (3), 1223-1246.
- “Strategic and Structural Uncertainties in Mechanism Design”, *Journal of Economic Theory*, 2015, 159, 267–279.
- “Double Auction with Interdependent Values: Incentives and Efficiency”, with Fuhito Kojima, *Theoretical Economics*, 2017, 12(3), 1393-1438
- “Revenue-capped efficient auctions”, with Nozomu Muto and Yasuhito Shirata, *Journal of European Economic Association*, 2020, 18(3), 1284–1320.
- “Asymmetric information allocation to avoid coordination failure”, with Fumitoshi Moriya, *Journal of Economics and Management Strategy*, 2020, 29(1), 173-186.
- “Maximal miscommunication”, with Shintaro Miura, *Economics Letters*, 2020, 188, 108962.
- “Order on types based on monotone comparative statics”, with Takashi Kunimoto, *Journal of Economic Theory*, 189, 105082.
- “Adverse selection and bounded rationality: an impossibility theorem”, with Takeshi Murooka, *Japanese Economic Review*, 2022.
- “On the foundations of ex post incentive compatible mechanisms”, with Shuguang Zhu, *American Economic Journal: Microeconomics*, 2022, 14(4), 494-514.

- “Preventing Bottlenecks in Organizations”, with Fumitoshi Moriya, AEA Paper and Proceedings, 2022, 112, 444-451.
- “Optimal Persuasion via Bi-Pooling”, with Itai Arieli, Yakov Babichenko, Rann Smorodinsky, Theoretical Economics, 2023, 18(1), 15-36.
- “Optimal student allocation with peer effects”, with Roberto Sarkisian, Review of Economic Design, 2024, 28, 551–571.
- “Auction with Heterogenous Priors”, with Hien Pham, Games and Economic Behaviors, 2024, 145, 413-425.

PUBLICATIONS (Conference Proceedings)

- “Information Design in Concave Games” with Alex Smolin, EC '22: Proceedings of the 23rd ACM Conference on Economics and Computation, 2022.
- “A Mediator Approach to Mechanism Design with Limited Commitment”, with Niccolo Lomys, EC '22: Proceedings of the 23rd ACM Conference on Economics and Computation, 2022.

RESEARCH PAPERS

- “Mechanism design with expectation-based allocation externality”, with Roberto Sarkisian, April 2022.
- “Robust prediction in games with uncertain parameters”, with Shintaro Miura, March 2022.
- “Bayesian persuasion followed by Receiver’s Mechanism Design” with Shuguang Zhu, November, 2021.
- “First Best Implementation with Costly Information Acquisition”, with Daniil Larionov and Hien Pham, October 2021.

- “Optimal Trade Mechanisms with Adverse Selection and Inferential Mistakes”, with Takeshi Murooka, September 2021.
- “Type-contingent information disclosure”, with Shuguang Zhu, September, 2021.
- “On the veil-of-ignorance principle: welfare-optimal information disclosure in voting”, with Karine Van der Straeten, January, 2021.
- “Revenue guarantee in auction with a (correlated) common prior and additional information”, July, 2017.
- “Divergent Interpretation and Divergent Prediction in Communication”, with Shintaro Miura, July 2017.
- “On the possibility of information transmission: a signaling case”, with Shintaro Miura, May, 2014.
- “Optimal public information disclosure by mechanism designer”, 2018.

TEACHING ACTIVITIES

- Osaka School of International Public Policy
 - 2023-2024 Microeconomics (Graduate), Mathematics for Economics (Undergraduate + Graduate), Topics in Advanced Microeconomics (Graduate)
 - 2023-2024 Microeconomics (Graduate), Applied Economic Theory (Undergraduate + Graduate), Topics in Advanced Microeconomics (Graduate)
 - 2022-2023 Microeconomics (Graduate), Topics in Advanced Microeconomics (Graduate)
- Toulouse School of Economics

- 2021-2022 Autumn: Contract Theory (DEEQA, with David Martimort), Game Theory (M2ETE, with Jerome Renault) Winter: Advanced Microeconomics (M1, with Alex Smolin)
- 2020-2021 Autumn: Contract Theory (DEEQA, with Daniel Garrett), Game Theory (M2ETE, with Jerome Renault) Winter: Advanced Microeconomics (M1, with Yiman Sun)
- 2019-2020 Autumn: Advanced Economic Theory (DEEQA, with Alex Smolin and Renato Gomes) Winter: Advanced Microeconomics (M1)
- 2018-2019 Autumn: Advanced Economic Theory (DEEQA, with Thomas Mariotti and Renato Gomes) Winter: Advanced Microeconomics (M1)
- 2017-2018 Autumn: Advanced Economic Theory (DEEQA, with Thomas Mariotti and Renato Gomes) Winter: Advanced Microeconomics (M1)
- 2016-2017 Winter: Advanced Microeconomics (M1), Advanced Economic Theory (M2 / DEEQA)
- 2015-2016 Winter: Microeconomics (M1, with David Alary), Advanced Economic Theory (M2 / DEEQA)
- 2014-2015 Winter: Microeconomics (M1, with Astrid Hopfensitz and Doh-Shin Jeon), Advanced Economic Theory (M2 / DEEQA)
- 2013-2014 Winter: Advanced Economic Theory (M2, with Lucas Maestri), Advanced Microeconomics (DEEQA, with Lucas Maestri)
- 2012-2013 Winter: Advanced Economic Theory (M2, with Lucas Maestri), Advanced Microeconomics (DEEQA, with Lucas Maestri)
- 2011-2012 Winter: Advanced Economic Theory (M2, with Lucas Maestri), Advanced Microeconomics (DEEQA, with Lucas Maestri)

- Hitotsubashi University
 - 2014 Mini lectures at Hitotsubashi University
 - 2013 Mini lectures at Hitotsubashi University
- Stanford University
 - 2006-2010 Teaching assistant (Introductory statistics; Intermediate econometrics; Introductory microeconomics)

OTHER PROFESSIONAL ACTIVITIES

- Referee for *Econometrica*, *Mathematical Social Sciences*, *Journal of Economic Theory*, *Economic Letters*, *Theoretical Economics*, *Games*, *Quarterly Journal of Economics*, *Journal of Political Economy*, *Journal of Finance*, *Resource and Energy Economics*, *International Journal of Industrial Organization*, *Review of Economic Design*, *American Economic Review*, *RAND Journal of Economics*, *Journal of European Economic Association*.
- 2022- Foreign Editor, *Review of Economic Studies*
- 2018-2022 Board member, *Review of Economic Studies*
- 2018-2021 Director of Master 2 Economic Theory and Econometrics (M2ETE); Director of DEEQA (both in Toulouse School of Economics)

SCHOLARSHIPS, HONORS AND AWARDS

- 2024.3- Osaka University, Distinguished Professor,
- 2024 Japan Academy Medal
- 2023 JSPS Prize
- 2016-2022 ERC starting grant.

- 2014 Excellence in Refereeing Award for Review of Economic Studies.
- 2010-11 B. F. Haley and E. S. Shaw Fellowship Support for Economics.
- 2009-10 Outstanding Teaching Assistant Award.