

Nozomu Muto

Curriculum Vitae

April 2017

Department of Economics,
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Research Interests

Game theory, Mechanism design, Bounded rationality.

Academic Positions

- Associate Professor, Yokohama National University, April 2014–present.
- Assistant Professor, Hitotsubashi University, October 2012–March 2014.
- Postdoctoral fellow, Universitat Autònoma de Barcelona, 2010–2012.
- Research fellow, Japan Society for the Promotion of Science, 2008–2010.

Education

- PhD in Economics, Hitotsubashi University (Tokyo, Japan), March 2010.
Adviser: Professor Akira Okada
- Visiting student, University of Cambridge (UK), October–November 2008.
- M.A. in Economics, Hitotsubashi University (Tokyo, Japan), March 2007.
- M.A. in Mathematics, University of Tokyo (Tokyo, Japan), March 2002.
- B.A. in Mathematics, University of Tokyo (Tokyo, Japan), March 1999.

Published Papers (Refereed)

- Nozomu Muto and Yasuhiro Shirata, “Manipulation via Endowments in Auctions with Multiple Goods” (2017), *Mathematical Social Sciences*, Vol. 87, 75–84.
- Nozomu Muto and Shin Sato, “Bounded response of aggregated preferences” (2016), *Journal of Mathematical Economics*, Vol. 65, 1–15.
- Nozomu Muto and Shin Sato, “A decomposition of strategy-proofness” (2016), *Social Choice and Welfare*, Vol. 47, Issue 2, 277–294.
- Dinko Dimitrov, Saptarshi Mukherjee, and Nozomu Muto, “‘Divide-and-choose’ in list-

- based decision problems” (2016), *Theory and Decision*, Vol. 81, Issue 1, 17–31.
- Nozomu Muto, “Strategic Complexity in Repeated Extensive Games” (2014), *Games and Economic Behavior*, Vol. 83, 45–52.
 - Stefano Galavotti, Nozomu Muto, and Daisuke Oyama, “On Efficient Partnership Dissolution under Ex Post Individual Rationality” (2011), *Economic Theory*, Vol. 48, No. 1, 87–123.

Working Papers

- “An impossibility under bounded response of social choice functions” (with Shin Sato)
- “Revenue-capped efficient auctions” (with Yasuhiro Shirata and Takuro Yamashita)
- “Implementation in Undominated Strategies with Partially Honest Agents” (with Saptarshi Mukherjee and Eve Ramaekers)
- “Multi-Agent Search with Deadline” (with Yuichiro Kamada)
- “Strategic Complexity and the Core in Bargaining Games”

Academic Presentations

- 2016 Asia Meeting of the Econometric Society, Doshisha University, Kyoto, Japan, August 2016.
- GAMES 2016, the 5th World Congress of the Game Theory Society, Maastricht University, Maastricht, Netherlands, July 2016.
- Autumn Meeting of the Japanese Economic Association, Sophia University, Tokyo, Japan, October 2015.
- East Asian Game Theory Conference 2015, Waseda University, Tokyo, Japan, August 2015.
- The 11th World Congress of the Econometric Society, Montréal, Canada, August 2015.
- Summer Workshop on Economic Theory 2015, Otaru University of Commerce, Otaru, Japan, August 2015.
- Spring Meeting of the Japanese Economic Association, Niigata University, Niigata, Japan, May 2015.
- The 6th Conference on Mathematical Analysis in Economic Theory, Keio University, Tokyo, Japan, January 2015.
- Contract Theory Workshop East, Hitotsubashi University, Tokyo, Japan, January 2015.
- Modern Economics Seminar, Okayama University, Okayama, Japan, December 2014.
- UECE Lisbon Meetings—Game Theory and Applications, Lisbon, Portugal, November

2014.

- Workshop on Microeconomics and Game Theory, Kyoto University, Kyoto, Japan, October 2014.
- The 20th Decentralization Conference in Japan, Fukuoka University, Fukuoka, Japan, October 2014.
- The 14th SAET Conference on Current Trends in Economics, Waseda University, Tokyo, Japan, August 2014.
- Game Theory Seminar, Tokyo Institute of Technology, Tokyo, Japan, October 2013.
- Autumn Meeting of the Japanese Economic Association, Kanagawa University, Yokohama, Japan, September 2013.
- The 19th Decentralization Conference in Japan, Yokohama National University, Yokohama, Japan, September 2013.
- Summer Workshop on Economic Theory 2013, Otaru University of Commerce, Sapporo, Japan, August 2013.
- Modern Economics Workshop, Yokohama National University, Yokohama, Japan, July 2013.
- 2012 Asia Meeting of the Econometric Society, Delhi School of Economics, Delhi, India, December 2012.
- 66th European Meeting of the Econometric Society, University of Málaga, Málaga, Spain, August 2012.
- 11th Meeting of Society of Social Choice and Welfare, Delhi, India, August 2012.
- GAMES 2012: Fourth Congress of the Game Theory Society, Istanbul Bilgi University, Istanbul, Turkey, July 2012.
- Game Theory Workshop 2012, Shizuoka University, Hamamatsu, Japan, March 2012.
- Modern Economics Workshop, Yokohama National University, Yokohama, Japan, March 2012.
- Economic Theory Workshop, Hitotsubashi University, Tokyo, Japan, September 2011.
- GDRI Workshop Marseille, Marseille, France, September 2011.
- 65th European Meeting of the Econometric Society, University of Oslo, Oslo, Norway, August 2011.
- 2011 Asian Meeting of the Econometric Society, Korean University, Seoul, South Korea, August 2011.
- Summer Workshop on Economic Theory 2011, Hokkaido University, Sapporo, Japan, August 2011.
- Microeconomics Workshop, University of Tokyo, Tokyo, Japan, July 2011.
- Workshop on Microeconomics and Game Theory, Kyoto University, Kyoto, Japan, July 2011.

- First MOVE-ISER Joint Workshop, Universitat Autònoma de Barcelona, Barcelona, Spain, June 2011.
- Economics Department Seminar, Ben-Gurion University of the Negev, Be'er Sheva, Israel, May 2011.
- 6th Pan Pacific Conference on Game Theory, Tokyo Institute of Technology, Tokyo, Japan, February 2011.
- Hitotsubashi Conference on Choice, Games, and Welfare: Mechanism Design, Hitotsubashi University, Tokyo, Japan, September 2009.
- Far East and South Asia Meeting of the Econometric Society, University of Tokyo, Tokyo, Japan, August 2009.
- 9th Conference of the Society for the Advancement of Economic Theory, Ischia, Italy, July 2009.
- Faculty Seminar, University of Tsukuba, Tsukuba, Japan, May 2009.
- Young Economist Conference, Osaka University, Osaka, Japan, February 2009.
- Hitotsubashi Workshop on Choice, Games, and Welfare, Hitotsubashi University, Tokyo, Japan, January 2009.
- Autumn Meeting of the Japanese Economic Association, Kinki University, Osaka, Japan, September 2008.
- Summer Meeting of Contract Theory Workshop, Hokkaido University, Sapporo, Japan, August 2008.
- GAMES 2008: Third Congress of the Game Theory Society, Northwestern University, Evanston, Illinois, USA, July 2008.
- Hitotsubashi Economic Theory Workshop, Hitotsubashi University, Tokyo, Japan, May 2008.
- Autumn Meeting of the Japanese Economic Association, Osaka City University, Osaka, Japan, October 2006.
- Kyoto Game Theory Workshop, Kyoto University, Kyoto, Japan, March 2006.

Refereeing

Games and Economic Behavior, International Economic Review, International Journal of Game Theory, Japanese Economic Review, Journal of Economic Theory, Journal of Mathematical Economics, Mathematics of Operations Research, Metroeconomica, Social Choice and Welfare

Teaching Experience

Yokohama National University

Fall, 2017

- Microeconomics (undergraduate)

Spring, 2017

- Microeconomics I (graduate)
- Microeconomics II (in English, graduate)
- Modern microeconomics analysis

Spring, 2015–2016

- Microeconomics (undergraduate)
- Microeconomics II (graduate)
- Microeconomics II (in English, graduate)
- Modern microeconomics analysis

Spring, 2014

- Microeconomics (undergraduate)
- Microeconomics II (graduate)
- Selected topics in microeconomic theory
- Modern microeconomics analysis

Hitotsubashi University

- Basic Mathematics for Economists, Autumn 2013.
- Intermediate Microeconomics, Spring 2013.
- Basic Mathematics for Economists, Autumn 2012.