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Curriculum Vitae

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Contact

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Personal Data

Born in Sapporo, Japan on August 21, 1959.

Academic Positions

2016-17 Taussig Visiting Professor, Harvard University
1999 – present, The University of Tokyo, Professor
1992 The University of Tokyo, Associate Professor
1990 Princeton University, Assistant Professor
1989 University of Pennsylvania, Assistant Professor

Education

Stanford University, Ph.D. in Economics, September 1989
University of Tokyo, B.A. in Economics, April 1982

Published Articles

1988, "Equivalent Equilibria", *International Economic Review*, Vol. 29, No. 3, pp. 401-417.

1991, "Correlated Demand Shocks and Price Wars during Booms", *Review of Economic Studies*, Vol. 58(1), No. 193, pp.171-180.

1992a, "Social Norms and Community Enforcement", *Review of Economic Studies*, Vol.59(1), No.198, pp. 63-80.

1992b, "Repeated Games Played by Overlapping Generations of Players", *Review of Economic Studies*, Vol.59(1), No.198, pp. 81-92.

1992c, "The Use of Information in Repeated Games with Imperfect Monitoring", *Review of Economic Studies*, Vol.59(3), No.200, pp. 581-593.

1993, "Learning, Mutation and Long Run Equilibria in Games", (Joint with George Mailath and Rafael Rob), *Econometrica*, Vol.61, No.1, pp. 29-56. Reprinted in *Recent Developments in Game Theory*, edited by E. Maskin (Northampton, MA: Edward Elger Pub, 1999).

1995, "Evolution of Equilibria in the Long Run: A General Theory and Applications" (Joint with Rafael Rob), *Journal of Economic Theory*, Vol.65, No.2, pp. 383-414.

1997, "Evolutionary Game Theory in Economics", in Kreps, D. M. and K. F. Wallis (eds.), *Advances in Economics and Econometrics: Theory and Applications*, Vol. I, Cambridge: Cambridge University Press.

1998a, "Bandwagon Effects and Long Run Technology Choice", (Joint with Rafael Rob), *Games and Economic Behavior*, Vol.22, pp.30-60.

1998b, "Private Observation, Communication and Collusion", (Joint with Hitoshi Matsushima), *Econometrica*, Vol.66, No. 3, pp. 627-652.

2002, "Introduction to Repeated games with Private Monitoring", *Journal of Economic Theory*, Vol. 102, pp1-15.

2003, "Randomization, Communication, and Efficiency in Repeated Games with Imperfect Public Monitoring", *Econometrica*, Vol. 71, 345-353.

2003, "The Erosion and Sustainability of Norms and Morale" (2002 JEA-Nakahara Prize Lecture), *Japanese Economic Review*, Vol 54, No. 1, 29-48.

2006, "Efficiency in Repeated Games Revisited: The Role of Private Strategies" (joint with I. Obara), *Econometrica*, Vol 74, No. 2, February, 499-519.

2006, "Less is More: An Observability Paradox in Repeated Games" (joint with I. Obara), *International Journal of Game Theory*, Vol.34, No. 4, 475-493.

2008, "Decentralized Trade, Random Utility and the Evolution of Social Welfare" (joint with R. Serrano and O. Volij), *Journal of Economic Theory*, Vol.140, .No. 1, 328-338, (May).

2008, "Repeated Games", in *New Palgrave Dictionary of Economics*, 2nd edition, Palgrave Macmillan, (May 30, 2008).

2011, "Weakly Belief-Free Equilibria in Repeated Games with Private Monitoring", *Econometrica*, Vol. 73, No. 3. 877-892 (May).

2014, "Labor Union Member Play an OLG Repeated Game" (joint with S. Obayashi), *Proceedings of the National Academy of Sciences*, vol. 111, Supplement 3, 10802–10809. (July 22, 2014)

Working Papers

1997, "Long Term Relationships and Information Accumulation", mimeo.

1999b "Fluctuations and Potential in Search Equilibrium", mimeo.

2009, "Understanding Stable Matchings: A Non-cooperative Approach" (with F. Kojima and Y. Yasuda).

2009, "Revision Games" (with Y. Kamada)

2010, "Tiers, Preference Similarity, and the Limits on Stable Partners" (with F. Kojima and Y. Yasuda).

2010, "Towards a Belief-Based Theory of Repeated Games with Private Monitoring: An Application of POMDP" (joint with I. Obara)

2011, "Coordination via Mutual Punishment: POMDP Approach to Repeated Prisoner's Dilemma with

Private Monitoring”, (joint with A. Iwasaki, Y. Joe, I. Obara, and M. Yokoo)

Book Chapter

2013, “Theory and Reality in Economics: Insights from Three Allegories,” Chapter 1 in Aoki, M et al. (eds.), *Complexity and Institutions: Markets, Norms and Corporations*, IEA Conference Volume No. 150-II, (pp11-29), Palgrave Macmillan.

Books

2014 *Mikuro Keizaigaku no Chikara [The Power of Microeconomics]* (in Japanese), Nihon-Hyoronsha, Tokyo.

2015 *Hito wa Naze Kyochō Surunoka – Kurikaeshi Gemu Nyumon – [Why Do People Cooperate?: Introduction to the Theory of Repeated Games]* (in Japanese), Mitsubishi Keizai Kenkyūjo, Tokyo.

2016 *Mimachigae no Aru Kurikaeshi Syujin no Jirenma [Repeated Prisoner’s Dilemma under Observation Errors]* (in Japanese), Mitsubishi Keizai Kenkyūjo, Tokyo.

Translation

Japanese translation of A. Greif (2006) *Institution and the Path to the Modern Economy*, Cambridge University Press (*Hikaku Rekishi Seido Bunseki*, translated by T. Okazaki, M. Kandori et al. NTT Publishing Co. Ltd, December 2009.)

Fellowships, Honors, Awards

1985-86, Murata Overseas Scholarship

1989, Invited Speaker at Review of Economic Studies European Meetings
One of the "most promising" seven new Ph.D's across all fields in economics, selected by *The Review of Economic Studies*.

1995, Invited Speaker at the Econometric Society 7th World Congress (survey of evolutionary game theory)

1999, Fellow, Econometric Society

2001-2006, 2012-2014 Council member, Econometric Society

2002, Nakahara Prize, Japanese Economic Association

2004-2009, Council member, Game Theory Society

2011, Economic Theory Fellow

2014, 2015 Researcher, The Mitsubishi Economic Research Institute

2015- Asian Regional Standing Committee, Econometric Society

2017, R. K. Cho Prize of Economics, Yonsei University

Recent Invited Talks

Far Eastern Meeting of the Econometric Society (2001, 2004)

The World Congress of Game Theory Society (2004, 2008)

International Conference on Game Theory at Stony Brook (2009)

Far East and South Asia Meeting of Econometric Society (2009)

Conference on Evolution of Cooperation (International Institute for Applied Systems Analysis, 2009)

Cowles Foundation Economic Theory Summer Conference (2010)
Conference on Rationality and Irrationality, Stockholm School of Economics (2011)
The World Congress of International Economic Association (2011)
Milgromfest (Conference in honor of Paul Milgrom) (2013)
Sackler Colloquium of The National Academy of Sciences, "In the Light of Evolution VIII: Darwinian Thinking in the Social Sciences" (2014)
The 25th International Conference on Game Theory (2014)
SITE Summer Workshop (2014)
Stochastic Methods in Game Theory, National University of Singapore, 2015
Econometric Society Australian Meeting 2016

Lectures

Lectures on Evolutionary Game Theory, New York University (1994),
Nordic Doctoral Course on Evolutionary Game Theory (University of Stockholm, 1994).
Lectures on Repeated Games, Seoul National University (2004)
"Game theory and the reality", Tokyo Institute of Technology (March 2005)

Massive Open Online Course

Welcome to Game Theory, COURSERA, 2015 Feb -

Editorial Positions

1998-2001 Associate Editor, *Econometrica*
1994-2005, Associate Editor, *Journal of Economic Theory*
2005-2016 July 1, Associate Editor, *Theoretical Economics*

Conference Organization

2011 International Economic Association World Congress, Beijing, China; Program Committee
2011 Asian meeting of the Econometric Society, Seoul, Korea; Program Committee
2008 Third World Congress of the Game Theory Society, Northwestern University; Program Committee
2005 Ninth World Congress of the Econometric Society, London; Program Committee
2001 Far Eastern Meeting of the Econometric Society, Kobe, Japan; Program Committee
1999 Fall Meeting of the Japanese Economic Association, Tokyo, Japan; Program Committee
1995 Seventh World Congress of the Econometric Society, Tokyo, Japan; Program Committee
1993 and 1992 TCER International Summer Conference, Tateshina, Japan; Organizer