

Yoshihiro Nakajima

Graduate School of Economics, Osaka City University
Sugimoto Sumiyoshi-ku Osaka City 558-8585, Japan

12 Aug. , 2011

Tel +8-6-66052273 (office)

Fax +8-6-66052273 (office)

E.mail yoshi@econ.osaka-cu.ac.jp

WebPage <http://www.nakajima-yoshihiro.jp/eng/index.html>

academic qualifications

Mar. 1998 Doctorate of Science, Kobe University

Mar. 1995 M.S. Kobe University

Mar. 1990 B.A. in Economics, Kobe University

career history

April. 2011- Professor, Graduate School of Economics Osaka City University

April. 2001- Mar. 2011 Associate Professor, Graduate School of Economics Osaka City University

Jan. 2000-Mar. 2001 Research Fellow of the Japan Society for the Promotion of Science

Apr. 1998- Mar. 2000 Part-time Lecturer, Osaka Institute of Technology

Apr. 1990 - Mar. 1992 Daiwa Securities Inc.

thesis

1998 Nakajima, Y.: "The money and exchange as infinite otherness", Kobe University, Kobe City, Japan.

publications

- 2008 Y. Shoizawa, Y. Nakajima, H.Matsui, Y.Koyama, K.Taniguchi, H.Hashimoto, “Experiments of Artificial Market by U-Mart System” , Springer, 2008
- 2008 You Nagao, Naoki Mori, Yoshihiro Nakajima, Keinosuke Matsumoto, “ The Day Trading Strategy Evolution by means of Genetic Programming with Day Trade Agent Framework”, Transactions of the institute of Systems, Control and Information Engineers, Vol. 21, No. 12, 2008 (Japanese)
- 2008 Isao Ono, Hiroshi Sato, Naoki Mori, Yoshihiro Nakajima, Hiroyuki Matsui, Yusuke Koyama, Hajime Kita, ”U-Mart System: A Market Simulator for Analyzing and Designing Institutions”, Evolutionary and Institutional Economics Review (EIER), Vol. 5, N. 1, pp. 63-79
- 2006 Nakajima, Y. : ”Hitori de dekiru U-Mart”, chapter 1, Jinko sijyou de manabu market mechanism, KYORITSU SHUPPAN CO., LTD (Japanese)
- 2005 Taniguchi K. , Y. Nakajima, F. Hashimoto, ”A Report of U-Mart Experiments as an Educational Courseware”, Terano,T.,Kita, H.,Arai, K. Deguchi, H. edits., Agent-Based Simulation - from Modeling Methodologies to Real World Applications -, pp.82-88. Springer-Verlag Tokyo, 2005
- 2004 Taniguchi, K., Y. Nakajima, F. Hashimoto, ”A Report of U-Mart Experiments by Human Agents”,Gaming, Simulations, and Society: Research Scope and Perspective, R. Shiratori, K. Arai, F. Kato (Edit), Springer, pp.49- pp.57, 2004
- 2002 NAKAJIMA,Y., Y. P. Gunji, ”The Dynamically Changing Model of Exchange as Interaction Between Cone-Relation and Equivalent-Relation”, Applied mathematics and computation, Vol.126,No2-3, pp.299 ~ 318 (2002)
- 2002 Nakajima, Y., ”Nonlinear Properties Found in Actual Markets, Journal of the Korean Physical Society, Vol.40, No.6,pp.1096-1099, (2002)
- 2000 Nakajima,Y.: ”Keizai no yuragi to furakutaru (Economic Fluctuation and Fractals) ”, Houhou to site no sinka, Springer-Verlag Tokyo Inc., Tokyo,Japan (Japanese)
- 1999 Nakajima,Y.: “An Equivocal Property of Deterministic, and Stochastic Process Observed in the Economic Phenomena” , IPSJ, Vol 40, No.SIG9 (TOM2), pp.102-110 (Japanese)

recent international conference

- 2010 Yoshihito Akimoto, Naoki Mori, Isao Ono, Yoshihiro Nakajima, Hiroshi Sato, Hiroyuki Matsui, Hajime Kita, Keinosuke Matsumoto, "Development of an Artificial Market System for Analysis of Institutional Issues in Financial Markets", Proc. of SCIS&ISIS2010, TH-E1-2, pp. 121-126
- 2009 Yoshihito Akimoto, Naoki Mori, Isao Ono, Hiroshi Sato, Yoshihiro Nakajima, Hiroyuki Matsui, Yusuke Koyama, Hajime Kita, A Novel Market Simulator for Analyzing and Designing Markets called U-Mart System version 3.0, Proc. of Complex '09, pp. 41-48
- 2009 Yoshihiro Nakajima, Naoki Mori, "Design of Experimental Environment for Artificial Financial Market", Proc. of Complex'09, pp. 49-55
- 2008 Kazuhisa Taniguchi, Yoshihiro Nakajima, "Artificial Market Experiments with the U-Mart System : What is U-Mart?", Proc. European association for evolutionary political economy conference,(CD-ROM)
- 2006 "Effect of Simple Market maker in Artificial Market", Yoshihiro NAKAJIMA, Isao Ono, Naoki Mori, Proc. of WCSS06, Vol.1, pp.159-pp.166.
- 2004 "A Report of U-Mart Experiments as an Educational Courseware" Kazuhisa TANIGUCHI, Yoshihiro NAKAJIMA, Fumihiko HASHIMOTO, proceedings of AESCS, pp. 193-198
- 2004 Isao Ono, Naoki Mori, Hiroshi Sato, Hajime Kita, Hiroyuki Matsui, Yoshihiro Nakajima, "U-Mart System Version 2: A Multi-Purpose Artificial Market Simulator", proceedings of AESCS, pp. 217-224
- 2004 Hiroyuki Matsui (Kyoto University), Yoshihiro Nakajima (Osaka City University), Hiroshi Sato (National Defense Academy),"Performance of Machine Agents Submitted to U-Mart International Experiment 2004 (UMIE2004)", proceedings of AESCS, pp.239-244
- 2004 Hiroshi Deguchi; Takao Terano; Hajime Kita, Yoshinori Shiozawa, Robert Axtell, Kathleen Carley, Maksim Tsvetovat, Hiroshi Sato, Hiroyuki Matsui, Isao Ono, Naoki Mori, Yoshihiro Nakajima, "Report of U-Mart International Experiment (UMIE2003 and UMIE 2004) – Strategy and Rank Order of Submitted Machine Agents", Proceedings of NAACSOS CD-ROM
- 2004 Jungo Ueki, Yoshihiro Nakajima, "Analysis of Time Series Behaviors in High-Frequency Area Using Artificial Market", Proceedings of NAACSOS CD-ROM
- 2004 Yoshihiro Nakajima, Yoshinori Shiozawa, "Usefulness and feasibility of market maker in a thin market", proceedings of ICEES (International Conference Experiments in Economic Sciences)

- 2004 Yoshihiro Nakajima, Isao Ono, Hiroshi Sato, Naoki Mori, Hajime Kita, Hiroyuki Matsui, Kazuhisa Taniguchi, Hiroshi Deguchi, Takao Terano, Yoshinori Shiozawa, "Introducing Virtual Futures market System U-Mart", proceedings of ICEES (International Conference Experiments in Economic Sciences)
- 2004 Jungo Ueki, Yoshihiro Nakajima, "Analyse the complexity of the financial time series using artificial market", proceedings of ICEES2004.
- 2003 Hiroshi Deguchi, Takao Terano, Hajime Kita, Yoshinori Shiozawa, Robert Axtell, Kathleen Carley, Maksim Tsvetovat, Hiroshi Sato, Hiroyuki Matsui, Isao Ono, Yoshihiro Nakajima, Naoki Mori, "U-Mart International Experiment 2003", Proc. NAACSOS.
- 2003 Hiroshi Deguchi, Takao Terano, Hajime Kita, Yoshinori Shiozawa, Robert Axtell, Kathleen Carley, Maksim Tsvetovat, Hiroshi Sato, Hiroyuki Matsui, Isao Ono, Yoshihiro Nakajima, Naoki Mori, "Report of UMIE 2002 – Strategy and Rank Order of Submitted Machine Agents –", Proc. NAACSOS.
- 2003 Yoshihiro NAKAJIMA, Tomomi UEDA, "Analysis of Submitted Agents to UMIE2002 -Influence of Spot Data and Opponents on Agents' rank orders -", Proc. NAACSOS.
- 2003 Tomomi UEDA, Kazuhisa TANIGUCHI, Yoshihiro NAKAJIMA, "An Analysis of U-Mart Experiments by Machine and Human Agents", CIRA.
- 2003 Kazuhisa TANIGUCHI, Yoshihiro NAKAJIMA, Fumihiko Hashimoto, "A Report of U-Mart Experiments by Human Agents", Proc. ISAGA, pp.1115-1124.
- 2003 Yoshihiro NAKAJIMA, Isao ONO, Naoki MORI, Hiroyuki MATSUI, Hiroshi SATO, "Elementary Property of U-Mart found by Submitted Agents to U-Mart International Experiment", Abstract of ISAGA, p.115.
- 2003 Hiroyuki Matsui, Kazuhisa Taniguchi, Yasuhiro Nakajima, Isao Ono, Hiroshi Sato, Naoki Mori, Hajime Kita, Takao Terano, Hiroshi Deguchi, Yoshinori Shiozawa, "U-Mart Project: New Research and Education Program for Market Mechanism", Abstract of ISAGA, p.87.

recent domestic conference in Japanese

- 2008 Y. Nakajima, N. Mori, proceedings of SCI08, pp. 229-230
- 2007 H. Kita, I. Ono, N. Mori, Y. Nakajima, H. Sato, H. Matsui, K. Taniguchi, Y. Koyama, proceedings of SSI2010
- 2007 Ono I. , Y. Nakajima , K. Yawata, N. Mori, K. Akimoto, H. Sato, H. Matsui, H. Kita., proceedings of JAWS2007

- 2007 Ono I. , Y. Nakajima , K. Yawata, N. Mori, K. Akimoto, H. Sato, H. Matsui, H. Kita., proceedings of The 13th Emergent System Symposium, pp. 127-130
- 2007 Ono I. , Y. Nakajima , K. Yawata, N. Mori, K. Akimoto, H. Sato, H. Matsui, H. Kita., proceedings of Jafee, Vol. 11
- 2006 Yawata, K. , N. Ono, I. Ono, Y. Nakajima, H. Sato, N. Mori, H. Matsui, H. Kita,SICE System Eng., pp. 71-76.
- 2006 Y. Nakajima, proceedings of Jafee, Vol. 10, pp. 166-168.
- 2006 Y. Nakajima, Y. Shiozawa, K. Taniguchi, I. Ono, N. Mori,proceedings of Jafee, Vol. 10, pp. 409-416.
- 2004 Y. Nakajima, I. Ono, N. Mori, H. Deguchi, K. Ishiyama, H. Matsui, proceedings of Jafee, Vol. 8, pp.285-292.
- 2004 I. Ono, N. Mori, H. Sato, H. Kita, H. Matsui, Y. Nakajima, proceedings of Jafee, Vol. 8, p.312.
- 2004 K. Okamoto, Y. Nakajima, proceedings of Jafee, p.316.
- 2004 H. Kita, I. Ono, N. Mori, H. Sato, H. Matsui, Y. Nakajima, JAWS (Third Joint Agent Workshops and Symposium).
- 2004 H. Kita, I. Ono, N. Mori, K. Taniguchi, H. Matsui, Y. Nakajima, Y. Koyama, K. Ishiyama, SICE SSI2004.