

Nobuyuki Hanaki

Professor

University of Nice, Sophia-Antipolis and GREDEG
Junior Member of L'institut Universitaire de France

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Professional Position

2015 (Sep.) – Current

Professor: GREDEG (UMR 7321) and University of Nice, Sophia-Antipolis
Visiting professor: Skema Business School

2011 (Oct.) - Current

Junior Member: L'institut Universitaire de France

2012 (Jan.) – 2015 (Aug.):

Professor: G.R.E.Q.A.M. (UMR 7316) and Aix-Marseille University

2009 (Sep.) – 2011 (Dec.)

Professor: G.R.E.Q.A.M. and Université de la Méditerranée

2009 (Jan. –Aug.)

Visiting Professor: G.R.E.Q.A.M. and Université de la Méditerranée

2005 (Jun.)-2011 (Mar.): leave between April 2009-March 2011

Assistant Professor in Economics

Graduate School of Humanites and Social Sciences, University of Tsukuba

2007 (Aug-Dec)

Visiting Researcher: G.R.E.Q.A.M.. Marseille, FRANCE

2003 (Jun)-2005 (May)

Post-doctoral Fellow, Earth Institute, Columbia University

Education

2003 Ph.D., Economics, Columbia University, New York

2000 M.Phil., Economics, Columbia University, New York

1999 M.A., Economics, Columbia University, New York

1997 B.A., International Relations, University of Tsukuba, Tsukuba, Japan

Fields of Specialization

Experimental and Behavioral Economics, Computational Modeling, Analysis of Complex Networks

Journal Publications

1. [Nobuyuki Hanaki](#), Nicolas Jacquemet, Stephane Luchini, Adam Zylbersztein “Cognitive ability and the effect of strategic uncertainty” forthcoming *Theory and Decision*, 2015 (doi: 10.1007/s11238-015-9525-9)
2. Eizo Akiyama, [Nobuyuki Hanaki](#), Ryuichiro Ishikawa “It is not just confusion! Strategic uncertainty in an experimental asset market” forthcoming in *Economic Journal*, 2015
3. Eizo Akiyama, [Nobuyuki Hanaki](#), Ryuichiro Ishikawa “How do experienced traders respond to inflows of inexperienced traders? An experimental

- analysis” *Journal of Economic Dynamics and Control*, Vol. 45, pp 1-18, 2014
4. Eric Guerci, Nobuyuki Hanaki, Naoki Watanabe, Gabriele Esposito, and Xiaoyan Lu “A methodological note on a weighted voting experiment” *Social Choice and Welfare*, Vol 43, pp 827-850, 2014
 5. Nobuyuki Hanaki and Hideo Owan “Autonomy, Conformity, and Organizational Learning,” *Administrative Sciences*, Vol. 3, p.p. 32-52, 2013 (open access: <http://www.mdpi.com/2076-3387/3/3/32>)
 6. Nobuyuki Hanaki, Alan Kirman and Matteo Marsili “Born Under A Lucky Star?” *Journal of Economic Behavior and Organization*, Vol. 77, pp 382-392, 2011
 7. Nobuyuki Hanaki and Satomi Kurosu “Marriage Relationships Among Households in the mid 19th Century Tama, Japan --Socioeconomic Homogamy, Geographical Endogamy and Kinship Networks” *The History of the Family*, Vol. 15, pp 333-347, 2010.
 8. Nobuyuki Hanaki, Ryo Nakajima, and Yoshiaki Ogura “Dynamics of R&D Collaborations in IT industry” *Research Policy*, Vol. 39, pp. 386-399, 2010
 9. Ryo Nakajima, Ryuichi Tamura, and Nobuyuki Hanaki “The Effect of Collaboration Network on Inventors' Job Match, Productivity and Tenure.” *Labour Economics*, Vol. 17, pp. 723-734, 2010
 10. Nobuyuki Hanaki, Ryuichiro Ishikawa, Eizo Akiyama “Learning Games”, *Journal of Economic Dynamics and Control*, Vol. 33, p.p., 1739-1756, 2009
 11. Jason Barr and Nobuyuki Hanaki “Organizations Undertaking Complex Projects in Uncertain Environments” *Journal of Economic Interaction and Coordination*, Vol. 3, p.p., 119-135, 2008
 12. Alessandra Casella and Nobuyuki Hanaki, “Information Channels in Labor Markets. On the Resilience of Referral Hiring,” *Journal of Economic Behavior and Organization*, Vol. 66, p.p., 492-513, 2008
 13. Nobuyuki Hanaki, Alexander Peterhansl, Peter Dodds, and Duncan Watts, “Cooperation in Evolving Social Networks,” *Management Science*, Vol. 53, pp.1036-1050, 2007
 14. Nobuyuki Hanaki, Rajiv Sethi, Ido Erev, and Alexander Peterhansl “Learning Strategies,” *Journal of Economic Behavior and Organization*, Vol.56, pp. 523-542, 2005
 15. Nobuyuki Hanaki, “Individual and Social Learning” *Computational Economics*, Vol.26, pp.213-232, 2005
 16. Nobuyuki Hanaki, “Action Learning versus Strategy Learning,” *Complexity*, Vol.9, pp.41-50, 2004

Publications in Refereed Conference Proceedings

1. Takashi Yamada and Nobuyuki Hanaki “Heterogeneity in Lowest Unique Integer Game” in proceedings of IEEE COMPSAC 2014 pp 462-467 (DOI: [10.1109/COMPSACW.2014.78](https://doi.org/10.1109/COMPSACW.2014.78))
2. Nobuyuki Hanaki and Juliette Rouchier “If you are so rich, why aren’t you smart?” in IEEE Proceedings of Winter Simulation Conference 2013 (<http://informatics-sim.org/wsc13papers/includes/files/151.pdf>)
3. Alessandra Casella and Nobuyuki Hanaki, “Why Personal Ties Cannot Be Bought,” *American Economic Review (Papers and Proceedings)*, Vol.96 pp.261-264, 2006
4. N. Hanaki and A. Peterhansl “Viability of Cooperation in Evolving Interaction Structures” Proceedings of Agent 2002 Conference on *Social Agents: Ecology, Exchange & Evolution*, p.p.67-82

Other Publications

1. Eric Guerci and Nobuyuki Hanaki "Learning Agents and Agent-Based Modeling" in *Encyclopedia of the Sciences of Learning*, Springer
2. Nobuyuki Hanaki and Naoki Watanabe "A Computational Approach in Microeconomic Analyses" Chapter 10 in Kazumi Hori, Takashi Kunimoto, and Naoki Watanabe (Ed.) *The Microeconomics of Organizations and Institutions*, Kyoto University Press, Japan (in Japanese) pp 273-294, 2015
3. Nobuyuki Hanaki, Eizo Akiyama, and Ryuichiro Ishikawa, "Computational experiments: A new methodology for theoretical analyses", *Keizai Seminar*, October, p.p.29-32 2008 (in Japanese)

Working papers

1. Nobuyuki Hanaki, Eizo Akiyama, Yukihiro Funaki, Ryuichiro Ishikawa "Diversity in cognitive ability enlarges mispricing" (GREDEG WP, 2015-29)
2. Takashi Yamada and Nobuyuki Hanaki "Experiments on Lowest Unique Integer Games" (GREDEG WP, 2015-34)
3. Eric Guerci, Nobuyuki Hanaki, Naoki Watanabe "Meaningful learning in weighted voting games: An experiment" (GREDEG WP, 2015-40)
4. Nobuyuki Hanaki, Eizo Akiyama, Ryuichiro Ishikawa "A methodological note on eliciting price forecasts in asset market experiments" (GREDEG WP, 2016-02)
5. Nobuyuki Hanaki, Angela Sutan, Marc Willinger "The strategic environment effect: an experimental investigation of group size effect in interactions among boundedly rational players"

Resting papers

1. Gabriele Esposito, Eric Guerci, Nobuyuki Hanaki, Xiaoyan Lu, and Naoki Watanabe "An experimental study on "meaningful learning" in weighted voting games"
2. Eizo Akiyama, Nobuyuki Hanaki, Ryuichiro Ishikawa "Effect of uncertainty about others' rationality in experimental asset markets: An experimental analysis" (Aix-Marseille School of Economics DP 2012-34. <http://ssrn.com/abstract=2178291>. See also AMSE DP 2013-40.)
3. Nobuyuki Hanaki, Nicolas Jacquemet, Stephane Luchini, Adam Zylbersztejn "Bounded rationality and strategic uncertainty in a simple dominance solvable game" (The University of Western Australia Economics Discussion Papers 13-14)

Honors, Distinctions, and Grants

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| 2016-2019 | ORA-Plus project: "Behavioral and Experimental Analyses on Macro-finance (BEAM)" (PI of the consortium of teams from FR, DL, NL, JP) |
| 2011-2014 | ANR-JSPS Bilateral Research Grant "CHORUS" (PI of French team): "Behavioral and Cognitive foundations for agent-based models (BECO)" |
| 2011-2012 | JSPS-CNRS Bilateral Research Grant (PI of French team) |

2010-2013	Prime de Excellence Scientifique, Université de la Méditerranée
2010	Research Grant from The Japan Economic Research Foundation
2007-2009	Research Grant from Japan Society for the Promotion of Science, Grant-in-Aid for Young Scientists (B)
2007	Overseas Advanced Educational Research Practice Support, Ministry of Education, Culture, Sports, Science, and Technology
2007	Research Grant from Inamori Foundation
2007	Research Grant from Japan Securities Scholarship Foundation
2006	Research Grant from Zengin Foundation for Studies on Economics and Finance
2005	Research Grant from Nomura Foundation for Social Science
2001	Dissertation Fellowship, Columbia University
1998-2003	Fellow, Honjo International Scholarship Fund, Tokyo, Japan
1998-1999	IMF-Japan Scholarship for Advanced Studies

Conference Presentations

1. “The effect of strategic environment and group size in beauty contest games” ASFEE 2015 (Paris)
2. “Meaningful learning in weighted voting games: An experiment” WEHIA 2015 (Sophia-Antipolis), Kyoto International Experimental Workshop
3. “Effect of heterogeneity in a cognitive ability among traders in an experimental asset market” SEF 2015 (Nijmegen)
4. “Principle of minimum differentiation revisited” WEHIA 2015 (Sophia-Antipolis)
5. “Cognitive ability and the effect of strategic uncertainty” Kansai University Experimental Economics Workshop, March 17-18, 2015 (Osaka)
6. “The effect of strategic environment in beauty contest games” Kyoto Experimental Economics Workshop, Jan 31-Feb 1, 2015 (Kyoto)
7. Introductory presentation for the session on “*What is the role of behavioral economics and experimental economics for economic theory and game theory?*” Satellite Workshop C at SAET 2014
8. “Strategic uncertainty and cognitive ability in an experimental asset market,” Satellite Workshop B at SAET 2014 (Tokyo)
9. “An experiment on lowest unique integer games” SAET 2014 (Tokyo)
10. “How do experienced traders respond to inflows of inexperienced traders? An experimental analysis”, ASFEE 2014 (Besancon), SEF 2014 (Zurich)
11. “Strategic uncertainty in an experimental asset market.” LEEM workshop (Montpellier, France, Jan. 2014) RACE colloquium (Kashiwa, Japan, March 2014), Workshop on Empirical Moral Science (Tsukuba, Japan, March 2014)
12. “If you are so rich, why aren’t you smart?” Winter Simulation Conference 2013
13. “Strategic uncertainty and individual bounded rationality in an experimental asset market,” ASFEE 2013 (Lyon), Experiental Finance Conference (SEF, Tilburg), ESA 2013 (Zurich), AMES (Singapore), ASSET (Bilbao)
14. “Heterogeneity in Learning Rules” WCSS 2012 (Taipei)
15. “Individual irrationality and lack of common knowledge of rationality in experimental asset markets,” CEF, 2012 (Prague), WEHIA 2012 (Paris), ASFEE 2012 (Montpellier), WCSS 2012 (Taipei), ASSET 2012 (Limasol, Cyprus), AEW 2012 (Granada, Spain)

16. "A Note on a Weighted Voting Experiment: Human Mistakes in Cooperative Games" Association of Southern European Economic Theorists (ASSET) Annual Meeting, October 2011, Evora, Portugal
17. "An experimental study on learning about voting powers" French Association of Experimental Economists (ASFEE) Annual Meeting, November 2010, Grenoble, France
18. "Complexity, Uncertainty and Organizational Congruency", Strategic Management Society Annual Meeting September 2010, Rome, Italy, ESHIA/WEHIA June 2010, Alessandria, Italy, Winter WEHIA December 2008, Taiwan
19. "Born Under a Lucky Star?", 16th International Conference on Computational Economics and Finance, July, 2010 London, England, Eastern Economic Association Annual Meeting, March 2008, Boston, M.A.
20. "Learning Games", 3rd World Congress of Game Theory Society, July 2008, Evanston, IL. 14th International Conference on Computational Economics and Finance, June, 2008 Paris, France
21. "Organization Undertaking Complex Projects in Uncertain Environments," Business Economic International Workshop, July 2007, Shizuoka, Japan
22. "Why Personal Ties Cannot Be Bought," American Economic Association Annual Meeting, January 2006, Boston, MA
23. "Information, Trust, and Cooperation in Evolving Social Networks," 4th Congress on Proximity, Marseille (France), June, 2004, International Workshop on Socio- and Econo-Physics, December, 2003, Tokyo, Japan
24. "Costly Transmission of Information: A comparison of signals and networks" Conference on Networks: Theory and Applications, Vaxholm (Sweden) June, 2004
25. "Viability of Cooperation in Evolving Interaction Structures," Agent 2002 Conference on *Social Agents: Ecology, Exchange & Evolution*, October, 2002, Chicago, IL, 8th International Conference on Computational Economics and Finance, July, 2002, Aix en Provence, France
26. "Evolving Social Structures and Cooperation," Eastern Economic Association Annual Meeting, March 2002, Boston, MA

Seminar Presentations

2015 Paris, Kansai, Kochi Tech, Waseda, Innsbruck, Renne (CREM), Nice (GREDEG), Glasgow, Edinburgh, GRIPS, Keio, Osaka, Doshisha, Hokkaido, Waseda, Hitotsubashi, EHESS (Paris, Fundaction Franco-Japonais)

2014: Luxembourg School of Finance. University of Tokyo. Research into Artifacts, Center for Engineering (RACE, University of Tokyo), Research Institute of Advanced Industrial Science and Technology (AIST, Tsukuba), Japan Institute of Marketing Science, Division of Research on Marketing Dynamics (@ Meiji University), Honjo International Scholarship Foundation Workshop

2013: GREThA (Bordeaux), University of Tokyo, University of Kyoto, University of Kobe, Waseda University, University of Technology Sydney, University of New South Wales, University of Queensland, University of Adelaide, Tinbergen Institute

2012: Queen Mary University of London, Sant'Anna School of Advanced Studies (Pisa), Burgandy School of Business (Dijon), Higher School of Economics (Moscow), University of Genoa, Universidad de Jaime I (Castellon, Spain), Osaka University, University of Tsukuba

2003-2011: CUNY Queens College, Union College, GREQAM, Osaka University, University of Tokyo, Waseda University, Aoyama Gakuin University, Institute of Developing Economies, Kyoto University, Hitotsubashi University

Teaching

At University of Nice, Sophia Antipolis

Graduate Courses

Methods and recent advances in Microeconomics (M1, 21 h)

Experimental economics (M2, 21 h)

At WEHIA Doctoral Summer School (May 2015, Sophia-Antipolis)

Experimental Economics. 3 lectures of 1.5 hours (4.5 hours in total)

At Aix-Marseille University

Undergraduate Courses

Contract Theory (2012-2013, in French),

Business Economics (2013-Current, in English)

Graduate Courses

Behavioral and Computational Economics (2012-Current 50%)

Rationality and Decision (2013-Current. 50%)

Experimental Economics (2013-2014, Ph.D. Topic seminar. 12 hours)

At Université de la Méditerranée

Undergraduate Courses

Business Economics (2009-2012), Intermediate Microeconomics (2009-2011)

Graduate Courses

Research Methodology (2009-2011), Behavioral Game Theory (2011-2012)

At University of Tsukuba

Undergraduate Courses

Principles of Economics, Industrial Organization, Economic Growth

Introduction to Social Simulation (2011-)

Graduate Courses

Microeconomics 1 and 2

Referee

Grants

Social Sciences and Humanities Research Council of Canada, Swiss National Science Foundation, Austrian Science Foundation

Journals

International Journal of Game Theory, Management Science, Physica A, Journal of Theoretical Biology, PLoS Computational Biology, Advances in Complex Systems, Journal of Artificial Societies and Social Simulations, Journal of Economic Interaction and Coordination, Journal of Economic Behavior and Organization, Journal of Economic Dynamics and Control, Southern Economic Journal, Journal of Evolutionary Economics, Mathematical Social Science,

Economic Journal, Journal of Economics and Management Strategy, Regional Studies, Revue Economique

Associate editor of

*Journal of Economic Behavior and Organization,
Journal of Economic Interaction and Coordination*

Professional Memberships

Econometric Society, American Economic Association, Royal Economic Society, European Economic Association, Eastern Economic Association, Society of Computational Economics, Society for the Advancement of Economic Theory, Society for Experimental Finance, French Experimental Economics Association, Society for Economic Science with Heterogeneous Interacting Agents

Committees for international conferences

Scientific committee: SEF 2016, WEHIA 2014 - 2016 ASSET 2014, WCSS 2012, Winter WEHIA 2008 (Taipei), ANDI 2005

Organization committee WEHIA 2015

Session organizer: SAET 2014

Organization of Conference and Workshops

1. Chair of scientific and local organization committee for ASSET 2014.
2. Workshop on Experimental Economics, Aix-en-Provence, March 21-22, 2014.
3. Workshop on Heterogeneity and Networks in (Financial) Markets. (1) Aix-en-Provence, March 2012. (2) Marseille, March 21-22, 2013
4. Organizer of New York City Workshop on Computational Economics and Complexity.
5. Joint GREQAM-OFCE workshops on complexity

Service at Aix-Marseille School of Economics (LABEX)

2012 (Jan) - Current: Member of search committee

Services at GREQAM and Aix-Marseille Université

2011- current	Representative of GREQAM at ASSET
2010-2013	Organizer of Working Group of Interaction.

Ph.D. Thesis supervision

Ms. Martha G. Alatrisme Contreras (50%, 2014)

Ms. Xioyuan Lu (50%, Ph.D. 2011)

Ph.D. Thesis committee

Mr. Florent Dubois (on going), Mr. Vivien Lespagnol (on going)

Mr. Gabriele Esposito (Ph.D. 2010)

Other professional services

External referee and appointed expert

1. Ph.D. thesis of Adriana Gabriela Breaban (joint degree from Tilburg Univeristy and Universitat Jaume I)
2. Habilitation. Dr. Thomas Stockl (University of Innsbruck).
3. Ph.D. thesis of Graeme Walker (Simon Fraser University)
4. Ph.D. thesis of Sascha Behnk (Universitat Jaume I)

Services at University of Tsukuba

Ph.D. Thesis committee

Mr. Sultan Mehmood (Ph.D. March 2006) Ms. Zeng Weihong (Ph.D. March 2006)
Ms. Nobuko Yabe (Ph.D. July 2008)

M.A. Thesis Supervision

Mr. Marco Quadros and Ms. Xuan Wei (M.A. March 2007) Mr. Julio Mancuso,
Ms. Khaing Saw, Ms. Tatevik Poghyasan, Ms. Ioana Oprea, Ms. Niu Bing (M.A.
March 2009)

Number of B.A. Thesis Supervision

2005, 1, 2006, 1, 2007, 6, 2008, 6

Undergraduate Administration

2008: Students affairs committee, Sports day committee
2007: Freshman orientation committee, Freshman class supervisor
2006: P.R. committee, Computer committee
2005: Job placement committee, Freshman class supervisor

Graduate Administration

2008 World Bank scholarship program committee, Curriculum
committee, Department Sub-Network committee
2007 Budget committee, World Bank scholarship program committee
2006 Budget committee, World Bank scholarship program committee
2005 World Bank scholarship program committee