

# *Xiao Luo* (羅曉)

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## EDUCATION

Ph.D., Economics, McGill University, Canada, 2000

Ph.D., Systems Engineering, Huazhong University Science & Technology, China, 1992

## RESEARCH INTERESTS

Game Theory, Economic Theory, Information Economics

## ACADEMIC POSITIONS

Associate Professor (2008-present), Department of Economics, NUS

Associate Research Fellow (2004-2008), Institute of Economics, Academia Sinica, Taiwan

Assistant Research Fellow (2002-2003), Institute of Economics, Academia Sinica, Taiwan

Assistant Professor (2000-2002), Department of Economics, National Taiwan University

## OTHER POSITIONS

Visiting Scholar (2014-2015), Northwestern University & McGill University

Visiting Associate Professor (2007-2008), Department of Economics, NUS

Visiting Scholar (2005-2006), Department of Economics, Harvard University

H.I.F. Fellow (1994-1995), Department of Economics, Hosei University, Japan

Assistant Professor (1992-1993), Department of Automation, Tsinghua University, China

## RESEARCH INTERESTS

Game Theory; Economic Theory; Information Economics

## TEACHING EXPERIENCES

Game Theory; Microeconomic Theory

## HONORS AND AWARDS

2016-19: Research Grant (S\$40,990), NUS, Singapore  
2012-15: Research Grant (S\$65,350), NUS, Singapore  
2009-11: Research Grant (S\$25,000), NUS, Singapore  
2000-08: Research Grants (NT\$7,176,912), NSC, Taiwan  
2005-06: Visiting Fellowship (US\$14,660), NSC, Taiwan  
2003: Wu Ta-Yu Memorial Prize (NT\$600,000), Taiwan  
2002: Young Scientist's Publication Award (NT\$300,000), Taiwan  
2000-03: (with Prof. C. Ma) Research Grant (£39,900), ESRC, UK  
2000-02: Fellowship (CAN\$54,000), SSHRC, Canada  
2000: Dean's Honor List, McGill University, Canada  
1996-99: Doctoral Fellowship (CAN\$46,000), SSHRC, Canada  
1995-98: Major Fellowship (CAN\$43,500), McGill University, Canada  
1994-95: H.I.F. Fellowship (¥2,670,500), Hosei University, Japan

## PROFESSIONAL ACTIVITIES

Editorial Board: *Theory and Decision*

*Asian Journal of Management Science and Applications*

*Chinese Journal of Economic Theory*

Referee for: *Applications of Mathematics, B.E. Journal of Theoretical Economics, Economics Research International, Economic Theory, Economics: E-journal, Games and Economic Behavior, International Game Theory Review, International Journal of Business & Economics, Journal of Economic Behavior & Organization, Journal of Economic Dynamics & Control, Journal of Mathematical Economics, Journal of Mathematical Sciences, and Theory & Decision*

Organizer: SAET Conferences 2010, 2011, 2012, 2013, 2015, 2016 and 2017

Asia Meeting of the Econometric Society 2013

China International Conference on Game Theory and Applications 2012

Asian Workshops on General Equilibrium Theory 2005, 2006, 2007, 2008 and 2010

Singapore Economic Theory Workshop 2008

Pan-Pacific Game Theory Conferences 2004, 2005, 2006 and 2007

Asian Decentralization Conference 2007

Workshop on Game Theory & Economic Theory 2004

Taiwan Game Theory Research Group

## SELECTED PUBLICATIONS

(in journals)

1. "Corrigendum to "Rationality and coherent theories of strategic behavior" [J. Econ. Theory 70 (1) (1996), 1-31]," (with Y.C. Qiao), forthcoming in: *Journal of Economic Theory*.
2. "Rationalizability in general situations," (with Y.C. Chen and C. Qu), *Economic Theory* **61** (2016), 147-167.
3. "Rational beliefs in rationalizability," *Theory and Decision* **81** (2016), 189-198.
4. "An indistinguishability result on rationalizability under general preferences," (with Y.C. Chen), *Economic Theory* **51** (2012), 1-12.
5. "Note on Unawareness: Negative Introspection vs. AU Introspection (and KU Introspection)," (with Y.C. Chen and J.C. Ely), *International Journal of Game Theory* **41** (2012), 325-329.
6. "The foundation of stability in extensive games with perfect information," *Journal of Mathematical Economics* **45** (2009), 860-868.
7. "Bayesian coalitional rationalizability," (with C.C. Yang), *Journal of Economic Theory* **144** (2009), 348-263.
8. "On the foundation of stability," *Economic Theory* **40** (2009), 185-201.
9. "Mutually acceptable courses of action," (with J. Greenberg and S. Gupta), *Economic Theory* **40** (2009), 91-112.
10. "Delay in a bargaining game with contracts," (with Y.C. Chen), *Theory and Decision* **65** (2008), 339-353.
11. "Stability, sequential rationality, and subgame consistency," (with S.J. Huang), *Economic Theory* **34** (2008), 309-329.
12. "Iterated strict dominance in general games," (with Y.C. Chen and N.V. Long), *Games and Economic Behavior* **61** (2007), 299-315.
13. "Conservative stable standard of behavior and phi-stable sets," *Theory and Decision* **60** (2006), 395-402.
14. "'Agreeing to disagree' type results: a decision-theoretic approach," (with C. Ma), *Journal of Mathematical Economics* **39** (2003), 849-861.
15. "(Sophisticated) stable sets in exchange economies," (with J. Greenberg, R. Oladi, and B. Shitovitz), *Games and Economic Behavior* **39** (2002), 54-70.

16. "A new approach to sum-fuzzy rational choice functions," *Fuzzy Sets and Systems* **127** (2002), 241-246.
17. "General systems and phi-stable sets – a formal analysis of socioeconomic environments," *Journal of Mathematical Economics* **36** (2001), 95-109.
18. "Stable equilibrium in beliefs in extensive games with perfect information," (with C. Ma), *Journal of Economic Dynamics and Control* **25** (2001), 1801-1825.

(in books)

19. X. Luo and C. Ma, "Recent advancements in the theory of choice under Knightian uncertainty and their applications in economics," in: S. B. Dahiya ed., *The Current State of Economic Science, Vol. 2*, Spellbound Publication PVT LTD., 1999, 639-656.
20. X. Luo, "Information, knowledge, and stability," in: H. Gao et al. eds., *ICM2002GTA Proceedings Volume*, Qingdao Publishing House, 2002, 449-453.

(Special Issue Guest Editor)

Special Issue on: Game Theory and its Applications in Economics and Management,  
forthcoming in: *Asian Journal of Management Science and Applications*

## WORKING PAPERS

- Luo, X. & B. Wang: "Toward a unified theory of perfectly rational strategic behavior: MACA."
- Beladi, H., X. Luo & R. Oladi: "Market networks: efficiency and the core."
- Luo, X., X.W, Qian & C. Qu: "Iterated elimination procedures."
- Luo, X., X.W, Qian & Y. Sun: "Generic equivalence between perfectly and sequentially rational strategic behavior."
- Luo, X., Y.C. Qiao & C.C. Yang: "Bayesian coalitional rationalizability: An epistemic characterization."
- Chen, Y.C. & X. Luo: "Belief operator in infinite models."
- Chen, Y.C. & X. Luo: "On the relationship of two belief operators."
- Chen, Y.C. & X. Luo: "A unified approach to information, knowledge, and stability."
- Luo, X. & Y.C. Zhang: "On Aumann's notion of rationality for backward induction."
- Luo, X.: "Stability in interactions: a perspective."

## SELECTED PROFESSIONAL PRESENTATIONS

World Congresses of Game Theory Society 2016 (Maastricht), 2012 (Istanbul), 2008 (Chicago),  
2004 (Marseille) & 2000 (Bilbao)  
International Conferences on Game Theory 2006, 2005, 2003, 2002, 2001,  
1999 & 1998 (Stony Brook, NY)  
SAET Conferences 2017 (Faro), 2015 (Cambridge), 2013 (Paris), 2012 (Brisbane),  
2011 (Faro), 2010 (Singapore), 2009 (Ischia), 2007 (Kos) & 2003 (Rodos)  
Asia Meeting of the Econometric Society 2013 (Singapore)  
Econometric Society World Congress 2005 (London)  
European Meetings 2005 (Amsterdam) & 2004 (Madrid)  
Far Eastern Meetings of the Econometric Society 2006 (Beijing), 2001 (Kobe) & 1997 (Hong Kong)  
ICM Satellite Conference in Game Theory & Applications 2002 (China)  
6th Conference on "Logic and the Foundations of the Theory of Games and Decisions" 2004  
(Germany)

## SEMINAR PRESENTATIONS

University of Washington in Seattle; McGill University; Concordia University, University of  
Windsor; Ryerson University; Essex University; University of York; University of  
Leicester; CentER; Kyoto University; Hosei University; Seoul National University; National  
University of Singapore; Singapore Management University; Chinese University of Hong  
Kong; University of Hong Kong; Beijing University; Tsinghua University; Huazhong  
University Science & Technology, Xiamen University; Sichuan University of Finance &  
Economics; Academia Sinica; National Taiwan University; National Tsinghua University;  
National Chengchi University; National Dong Hwa University; National Central University;  
National Chung-Cheng University; National Yunlin University of Science & Technology;  
Tamkang University, Tunghai University

## OTHERS

Graduate Program Deputy Director, NUS Department of Economics, 2013-2014 & 2015-2017  
Graduate Program Director, NUS Department of Economics, 2010-2012  
EXCO Committee Member, NUS Department of Economics, 2010-2012  
Recruiting Committee Member of Department of Economics, NUS, 2008-2009  
Recruiting Committee Member of Institute of Economics, Academia Sinica, 2003-2004

(Updated: December 2016)