

XIAOXI LI

BASIC INFORMATION

<i>Personal</i>	<i>Male; Born in Hubei, P.R. China, 16 May 1985; Chinese Citizenship</i>
<i>Address</i>	<i>Laboratoire THEMA, UFR d'Économie et Gestion Université Cergy-Pontoise 33, boulevard du Port 95011 Cergy-Pontoise Cedex FRANCE</i>
<i>Contact</i>	<i>xxleewhu@gmail.com; (M) +33 750 2574 07</i>
<i>Website</i>	<i>http://xiaoxili.weebly.com/</i>
<i>Research Interest</i>	Primary: <i>Repeated Games · Stochastic Games</i> Secondary: <i>Economic Theory · Dynamic Optimization</i>

WORKING EXPERIENCES

<i>ATER</i>	<i>Temporary Fellowship for Teaching and Research at Université Cergy-Pontoise, 09/2015-Present</i> <i>Temporary Fellowship for Teaching and Research at Université Paris-1 Pathéon Sorbonne, 09/2014 - 08/2015</i>
<i>Vacation positions</i>	<i>T.A. at Université Pierre et Marie Curie-Paris 6, 09/2011-06/2014 & at École des Ponts et Chaussées 10-12/2012. Instructor at SciencesPo Campus Le Havre, 02-05/2014</i>

EDUCATION

	<i>2011-2015</i>	Université Pierre et Marie Curie-Paris 6
<i>Ph.D. in Math</i>		<i>Thesis: Contribution à l'étude des propriétés asymptotiques en contrôle optimal et jeux répétés (defended on September 22, 2015)</i> <i>Advisor: Prof. Sylvain Sorin</i> <i>Courses of speciality: economic theory and game theory (M. Kandori) · evolutionary game theory (WH. Sandholm) · repeated game (J. Hörner)</i>
	<i>2010-2011</i>	Université Pierre et Marie Curie-Paris 6
<i>M.S. in Math</i>		<i>RANK: 01/18 · Très bien (Very Good) · Admission for Ph.D. scholarship</i> <i>Specialization: Optimization, Games and Economic Modelling</i> <i>Thesis: Recursive Games · Advisor: Prof. Sylvain Sorin</i> <i>Main courses: optimization and convex analysis, graph and combinatorics, game theory, stochastic games, optimal control</i>
	<i>2009-2010</i>	Toulouse School of Economics
<i>M.A. in Eco.</i>		<i>RANK: 09/43 · Bien (Good) · Admission for Ph.D. scholarship</i> <i>Specialization: Economic Theory and Econometrics</i> <i>Thesis: Repeated Games with Signals · Advisor: Prof. Jérôme Renault</i> <i>Main courses: microeconomics (I, II), macroeconomics (I, II), econometrics (I, II), game theory, contract theory, I.O.</i>
	<i>2007-2009</i>	Wuhan University
<i>M.A. in Eco.</i>		<i>Specialization: Mathematical Economics and Finance</i>
	<i>2003-2007</i>	Wuhan University
<i>B.A. in Manage.</i>		<i>Specialization: Financial Management</i>

PUBLICATIONS

- Forthcoming* [s.1] "Limit value for optimal control with general means", with M. Quincampoix and J. Renault, 2015. To appear in *Discrete and Continuous Dynamical Systems - Series A (DCDS-A)*
- [s.2] "Recursive games: uniform value, Tauberian theorem and Mertens' Conjecture", with X. Venel, 2015. To appear in *International Journal of Game Theory*

PREPRINTS

- preprint* [p.1] "Maxmin in generalized Big match with one-sided incomplete information", 2015
- [p.2] "Uniform value for compact nonexpansive optimal control with general means", 2015
- [p.3] "Long-term properties in dynamic optimization" (a survey article), 2015
- [p.4] "Uniform value for recursive games with compact action spaces", 2015

OTHER PAPERS/PROJECTS IN PROGRESS OR IN PREPARATION

- [o.1] "Stochastic delegation games", with C. Wan, 2014
- [o.2] "Two-player repeated games with one player in the dark: an example", 2011 (based on my master thesis advised by Jérôme Renault)
- [o.3] "Cooperation in two-player prisoner dilemma without generic condition", 2014 (in private communication with Johannes Hörner)
- [o.4] "Large stochastic games with incomplete information", 2015

PRESENTATIONS

- Conference* "Recursive games: uniform value, Tauberian theorem and the Mertens' conjecture", *SIAM 2015, session "Dynamic Games and Operators"*, Paris, 07/2015
- Conference* "Limit value for optimal control with general evaluations", *Conference in honor of Abraham Neyman*, Jerusalem, 06/2015
- Seminar* "An introduction to repeated games", *Internal seminar of the theory group at THEMA*, Cergy, 02/2015
- Conference* "General limit value for optimal control", *Mathematical Game Theory and Applications (poster sessions)*, Roscoff, 07/2014
- Conference* "Tauberian theorem in recursive games", *SMAI-MODE*, Renne, 03/2014
- Seminar* "Generalized Big match with incomplete information", *Paris Game Theory Seminar at Institute Henry Poincaré*, Paris, 12/2013
- Workshop* "General limit value for optimal control", *Workshop Repeated games - Differential Games*, Roscoff, 10/2013
- Seminar* "Recursive Games", Ph.D. Seminar of Game Theory, Paris, 11/2011

INVITATIONS FOR VISITING AND RESEARCH

- Brest* 06/2014, invited by Marc Quincampoix
- Toulouse* 11/2011, invited by Jérôme Renault

AWARDS AND FELLOWSHIPS

<i>ATER Fellowship</i>	09/2015-08/2016, Université Pontoise-Cergy
<i>ATER Fellowship</i>	09/2014-08/2015, Université Paris-1 Panthéon Sorbonne
<i>Ph.D. Scholarship</i>	09/2011-08/2013, Université Pierre et Marie Curie-Paris 6
<i>Student Fellowship for Research</i>	05-07/2013, Hausdorff Research Institute for Mathematics, Bonn Workshop <i>Stochastic Dynamics in Economics and Finance</i>
<i>Eiffel Scholarship</i>	09/2009-08/2010, French Ministry of Foreign Affairs

TEACHING

	2011-2015	Univ. Paris-6, Paris-1, École des Ponts
<i>T.A.</i>		Undergraduate courses: <i>Multi-variable Calculus</i> [3*36h] · <i>Combinatorics and Graphs</i> [18h+36h] · <i>Mathematics for Economists</i> [36h] · <i>Quantitative Techniques for Management</i> [2*36h] Graduate courses: <i>Combinatorial Optimization</i> [36h] · <i>Decision Theory and Game Theory</i> [15h].
	02-05,2014	SciencesPo Le Havre
<i>Instructor</i>		Undergraduate courses: <i>Game Theory with Economic Applications</i> [24h].

REVIEWER FOR SCIENTIFIC JOURNALS

International Journal of Game Theory · Mathematical Methods of Operations Research · Mathematics of Operations Research

REFERENCES

<i>Sylvain Sorin</i>	Université Pierre-et-Marie Curie Paris-6, Email: sylvain.sorin@imj-prg.fr
<i>Jérôme Renault</i>	Toulouse School of Economics, Email: jerome.renault@tse-fr.eu
<i>Tristan Tomala</i>	HEC Paris, Email: tristan.tomala@hec.com.
<i>Rida Lakari</i>	Université Paris Dauphine, Email: rida.laraki@polytechnique.com.
<i>Eilon Solan</i>	Tel Aviv University, Email: eilons@post.tau.ac.il.

LANGUAGES

Chinese (native) · English (fluent) · French (fluent)

September 25, 2015