

YUAN JU

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COORDINATES

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EDUCATION

08/2000 - 12/2004 CentER, Tilburg University The Netherlands
Ph.D. in Economics (awarded on December 15, 2004). Dissertation: Cooperation, Compensation, and Transition, ISBN: 90-5668-139-7.

03/2001 - 12/2002 NAKE Graduate Program The Netherlands
NAKE (the Netherlands Network of Quantitative Economics) Diploma

09/1997 - 07/2000 Shandong University China
M.A. in Economics, Cum Laude

09/1993 - 07/1997 Shandong University China
B.A. in Economics, Cum Laude

WORK EXPERIENCE

10/2017 - University of York UK
Professor of Economics

10/2013 – 09/2017 University of York UK
Senior Lecturer in Economics (equivalent to Associate Professor)

10/2007 – 09/2013 University of York UK
Lecturer in Economics, tenured (equivalent to Assistant Professor)

01/2005 - 09/2007 Keele University UK
Lecturer in Economics (equivalent to Assistant Professor)

01/2001 - 12/2004 Tilburg University The Netherlands
Ph.D. researcher and Teaching assistant

RESEARCH INTERESTS

- Game Theory, Economic Theory, Social Choice; Experimental Economics
- Implementation, Bargaining, Cooperation, Externality, Distributive Justice

VISITING EXPERIENCE

12/2014, 05/2017	Academia Sinica	Taiwan
08/2016	Max Planck Institute for Tax Law & Public Finance	Germany
04/2015	Chinese University of Hong Kong	Hong Kong
04/2013	Seoul National University	Korea
06/2008	Ben-Gurion University of the Negev	Israel
12/2004 - 01/2005	Waseda University	Japan
04/2003 - 07/2003	MPSE, Université de Toulouse I	France
04/2002 - 05/2002	University of Florida	USA

HONORS AND SCHOLARSHIPS

- *Extramural Fellow*, CentER, Tilburg University, 2005-2010
- *Vice-Chancellor's Teaching Award*, University of York, 2009-2010
- *Anniversary Lectureship*, University of York, 2009-2010
- *British Academy Overseas Conference Grant*, British Academy, 2008
- *21COE-GLOPE Research Fellowship*, Waseda University, Japan, 2005
- *RES Conference Grant*, the Royal Economic Society, UK, 2004
- *Travel Fellowship for SCW Meeting in Osaka*, Japan, 2004
- *CentER Scholarship for ENTER Exchange Program*, the Netherlands, 2003
- *CentER Graduate Scholarship*, the Netherlands, 2000
- *Glory of Shandong Economics Scholarship* (twice), China, 1998, 1999
- *T.K. Ann Economics Research Award*, China, 1998
- *Graduate of Excellence* at Shandong University, China, 1997

PUBLICATIONS IN REFEREED JOURNALS

- Borm, P., Y. Ju and D. Wettstein (2015), **Rational Bargaining in Games with Coalitional Externalities**, *Journal of Economic Theory* 157: 236-254.
- Ju, Y., Y. Chun and R. van den Brink (2014), **Auctioning and Selling Positions: A Non-Cooperative Approach to Queueing Conflicts**, *Journal of Economic Theory* 153: 33-45.
- Ju, Y. (2013), **Efficiency and Compromise: A Bid-Offer-Counteroffer Mechanism with Two Players**, *International Journal of Game Theory* 42: 501-520.
- Brink, R. van den, Y. Funaki and Y. Ju (2013), **Reconciling Marginalism with Egalitarianism: Consistency, Monotonicity, and Implementation of Egalitarian Shapley Values**, *Social Choice and Welfare* 40: 693-714.
- Ju, Y. (2012), **Reject and Renegotiate: the Shapley Value in Multilateral Bargaining**, *Journal of Mathematical Economics* 48: 431-436.

- Ju, Y. and D. Wettstein (2009), **Implementing Cooperative Solution Concepts: A Generalized Bidding Approach**, *Economic Theory* 39: 307-330.
- Ju, Y. and P. Borm (2008), **Externalities and Compensation: Primeval Games and Solutions**, *Journal of Mathematical Economics* 44: 367-382.
- Ju, Y. (2007), **The Consensus Value for Games in Partition Function Form**, *International Game Theory Review* 9: 437-452.
- Ju, Y., P. Borm and P. Ruys (2007), **The Consensus Value: A New Solution Concept for Cooperative Games**, *Social Choice and Welfare* 28: 685-703.

WORKING PAPERS

- **Do to No One What You Yourself Dislike? – An Experimental Study of the Golden Rule**, with Miguel A. Costa-Gomes and Jiawen Li, *Revise and resubmit*.
- **Bidding with Coalitional Externalities: A Strategic Approach to Partition Function Form Games**, with D. Wettstein, *Submitted*.
- **Role-Reversal Consistent Trust**, with Miguel A. Costa-Gomes and Jiawen Li, *Manuscript*.
- **A Non-Cooperative Interpretation of the Talmud Rule for Bankruptcy Problems**, with Jiawen Li, *Manuscript*.
- **Achieving Ex-Post Efficiency by Bidding Mechanisms with Budget Balance**, with J. Lu, *Manuscript*.
- **The English Housing Market Mechanism**, with Z. Yang, *Manuscript*.

OTHER SELECTED PUBLICATIONS

- **The River, the Stones and the Gradualist Reform in China's Banking Sector**, in: R. van den Brink and R. Gilles (eds.), *Wiskundig Economische Perspectieven*, pp. 183-193, 2007. ISBN 90-9016923-7.
- **Monopoly and Competition: the Reform and Development in China's Banking Sector**, with L. Yu, *Economic Research Journal (经济研究)*, No. 8, 1999 (in Chinese).
- **Banking Development and the Competition Policy during the 10th Five-Year Plan Period in China**, with L. Yu, *Reform (改革)*, Vol. 103, May 2000 (in Chinese).

WORK IN PROGRESS

- Externality, Threat, and Agreement, with P. Borm and Y. Funaki
- Multilateral Bargaining without Resorting to Unanimity
- Partnership Made in Heaven, with D. Wettstein

CONFERENCE PRESENTATIONS

- *10th Conference on Economic Design*, June 2017, York, UK.
- *5th World Congress of the Game Theory Society*, July 2016, Maastricht, the Netherlands.
- *16th SAET (Society for the Advancement of Economic Theory) Conference on Current Trends in Economics*, July 2016, Rio de Janeiro, Brazil.
- *2015 European Meeting on Game Theory, i.e., 11th Spain Italy Netherlands Meeting on Game Theory (SING XI)*, July 2015, St. Petersburg, Russia.
- *IWGTS 2014 (International Workshop on Game Theory and Economic Applications of the Game Theory Society)*, July 2014, Sao Paulo, Brazil.
- *10th Spain Italy Netherlands Meeting on Game Theory (SING X)*, July 2014, Krakow, Poland.
- *The 2013 Asian Meeting of The Econometric Society, August 2013, Singapore*
- *11th International Meeting of the Society for Social Choice and Welfare*, August 2012, New Delhi
- *4th World Congress of the Game Theory Society*, July 2012, Istanbul.
- *7th Spain Italy Netherlands Meeting on Game Theory (SING VII)*, July 2011, Paris.
- *10th World Congress of the Econometric Society (ESWC 2010)*, August 2010, Shanghai
- *1st Conference of the Chinese Game Theory and Experimental Economics Association*, August 2010, Beijing
- *10th International Meeting of the Society for Social Choice and Welfare*, July 2010, Moscow
- *6th Spain Italy Netherlands Meeting on Game Theory (SING VI)*, July 2010, Palermo
- *SING V*, July 2009, Amsterdam
- *27th Arne Ryde Symposium: Mechanism Design*, September 2008, Lund, Sweden
- *3rd World Congress of the Game Theory Society*, July 2008, Evanston, USA
- *62nd European Meeting of the Econometric Society (ESEM 2007)*, Aug. 2007, Budapest
- *SING III*, July 2007, Madrid, Spain
- *5th International Conference on Logic, Game Theory and Social Choice*, June 2007, Bilbao
- *12th Spring Meeting of Young Economists*, May 2007, Hamburg, Germany
- *ESEM 2006*, Aug. 2006, Vienna, Austria
- *SING II*, June 2006, Foggia, Italy
- *16th International Conference on Game Theory*, July 2005, Stony Brook, NY, USA
- *Workshop on Game Theory and its Applications*, July 2005, Bolzano, Italy
- *SING I*, June 24-26, 2005, Maastricht University, the Netherlands
- *31st Annual Conference of the European Association for Research in Industrial Economics (EARIE)*, Sept. 2004, Berlin
- *Operations Research International Conference (Congress OR 2004)*, Sept. 2004, Tilburg
- *ESEM 2004*, August 19-24, 2004, Universidad Carlos III de Madrid, Spain
- *7th International Meeting of the Society for Social Choice and Welfare*, July 2004, Osaka, Japan
- *2nd World Congress of the Game Theory Society*, July 2004, Marseille, France
- *30th EARIE*, Aug 2003, Helsinki School of Economics, Finland

- *ESEM 2003*, Aug 2003, Stockholm University, Sweden
- *14th International Conference on Game Theory*, July 2003, Stony Brook, NY
- *Netwerk Algemene en Kwantitatieve Economie (NAKE) Research Day 2002*, Oct. 2002, Dutch Central Bank, Amsterdam, the Netherlands

INVITED PRESENTATIONS AND CONFERENCE COMMITTEE

- Programme Committee Member, *14th International Meeting of the Society for Social Choice and Welfare*, 2018, Seoul, Korea
- Programme Committee Member, *2nd East Asia Game Theory Conference*, 2017, Singapore
- *Micro Theory Workshop*, 11 July 2017, University of International Business and Economics, Beijing, China
- Co-Chair, *10th Conference on Economic Design*, 14-16 June 2017, York, UK
- *Economics Seminar*, Academia Sinica, Taipei, May 2017
- *Departmental Seminar*, National Cheng Kung University, Tainan, May 2017
- Invited speaker at the *2nd Lancaster Game Theory Conference*, Lancaster University Management School, Lancaster, UK, November 2016
- Invited speaker at the *20th Tax Day*, Max Planck Institute for Tax Law & Public Finance, Munich, Germany, August 2016
- Invited speaker at the *1st Lancaster Game Theory Conference*, Lancaster University Management School, Lancaster, UK, November 2015
- Programme Committee Member, *East Asia Game Theory Conference*, 2015, Tokyo
- *Departmental Seminar*, The University of Hong Kong, April 2015
- *Economics Seminar*, The Chinese University of Hong Kong, April 2015
- *Departmental Seminar*, Business School, Durham University, April 2015
- *Departmental Seminar*, National Taiwan University, Taipei, December 2014
- *Economics Seminar*, Academia Sinica, Taipei, December 2014
- *Departmental Seminar*, National Tsing Hua University, Hsinchu, December 2014
- *Departmental Seminar*, Dept of Applied Mathematics, Delft University of Technology, Delft, September 2014
- *Departmental Seminar*, Shanghai University of Finance and Economics, Shanghai, June 2006; April 2014
- Organiser, *York Annual Symposium on Game Theory*, 2010 to present
- Organiser, *RES-York Summer School on Game Theory*, June 2013
- *T.S.Kim Memorial Seminar*, April 2013, Seoul National University, Korea
- *CeDEx Seminar*, December 2012, University of Nottingham
- Programme Committee Member, *2012 China International Conference on Game Theory and Applications*, August 2012, Qingdao, China
- *2012 RCGEB Summer Workshop*, Qingdao, China
- *Departmental Seminar*, July 2011, University of Bayreuth, Germany.
- *Tinbergen Institute Workshop on Economic Theory and Game Theory*, Free University Amsterdam, March 2011

- Keynote speaker opening *Tinbergen Institute PhD Seminar Series* 2010, Erasmus University Rotterdam, September 2010
- *Economics Seminar*, September 2010, Southwest University of Finance and Economics, China
- *Economics Seminar*, August 2010, Southeast University, China
- Programme Committee Member, the *Inaugural Conference of the Chinese Game Theory and Experimental Economics Association*, August 2010, Beijing, China
- *Workshop on Implementation of Cooperative Solution Concepts – the Nash Program, in Honor of John Nash on the Occasion of his 80th Birthday*, July 23-24, 2008, Stony Brook, NY, USA
- *Department Seminar*, June 12, 2008, Ben-Gurion University of the Negev, Israel
- *Economics Seminar*, May 23, 2008, Queen’s University Belfast
- *XVI European Workshop on General Equilibrium*, June 2007, Warwick, UK
- *Warwick Theory Workshop*, Nov. 2006, University of Warwick
- *Economics Seminar*, April 2006, Tilburg University
- *Economics Workshop*, March, Nov. 2005; Jan. 2006; Mar. 2007, Keele University
- *2nd Pan-Pacific Conference on Game Theory*, Nov. 2005, Taipei
- *International Conference on Open Political-Economic Systems*, Jan. 2005, Tokyo, Japan
- *International Workshop on Cooperative Game Theory*, Jan. 2005, Waseda University, Japan
- *Economics Seminar*, Yokohama National University, Jan. 2005, Japan
- *International Conference on Industrial Economics and Regulation*, Oct. 2004, Jinan, China
- *Game Theory Seminar*, Apr. 2003; Sept. 2004; Mar. 2008, Apr. 2010, Tilburg University
- *3rd Amsterdam-Twente Workshop on Cooperative Game Theory and Economics*, June 29 - July 1, 2004, Tinbergen Institute, Amsterdam, the Netherlands
- *GREMAQ Lunch Seminar*, June 2003, Université de Toulouse I, France
- *Public Utility Research Center Seminar*, May 2002, University of Florida, USA

RESEARCH GRANTS

- Special Grant, £7,500, Royal Economic Society, 2015-2017
- Special Project Grant, £5,000, Royal Economic Society, 2013
- Experimental Studies on Role-Reversal, Grant of Super Pump Priming Fund, £12,000, University of York, 2011-2012
- *Multilateral Bargaining over Coalitional Externalities*, Grant of Super Pump Priming Fund, £1,200, University of York, 2010
- *York Annual Symposium on Game Theory (series)*, Grant of Research and Impact Support Fund, £40,000, University of York, 2010-2017.
- *Cooperation and Bargaining with Externalities*, Grant of Anniversary Lectureship, £15,000, University of York, 2009-2010.
- *Beleidsnotitie Desintegratieschade TWM*, Water Sector Reform and the Compensation Scheme, with P. Ruys, Tilburgsche Waterleiding-Maatschappij, the Netherlands, 2002-2003
- *Competition, Regulation, and Reform of State-owned Enterprises and National Utilities*, sponsored by the Royal Netherlands Academy of Arts and Sciences (KNAW) and the Ministry of Education China, coordinators: P. Ruys and L. Yu, '98-'01

PROFESSIONAL MEMBERSHIP

- Econometric Society
- Game Theory Society
- Royal Economic Society
- Society of Social Choice and Welfare

PROFESSIONAL SERVICE

- Editorial board:
Co-editor of the *Journal of Mechanism and Institution Design*
Associate editor of the *Bulletin of Economic Research*
- Journal refereeing:
Annals of Operations Research, Asia-Pacific Journal of Operational Research, The B.E. Journal of Theoretical Economics, Bulletin of Economic Research, Economics Bulletin, Energy Economics, European Journal of Operational Research, Games and Economic Behavior, International Game Theory Review, International Journal of Game Theory, International Journal of Health Planning and Management, Journal of Economic Behavior and Organization, Journal of Economic Theory, Journal of Environmental Economics and Management, Journal of Environmental Management, Journal of Mathematical Economics, Journal of Mechanism and Institution Design, Journal of Optimization Theory and Applications, Journal of Public Economics, Mathematical Methods of Operations Research, Mathematical Social Sciences, The Manchester School, Operational Research: An International Journal, RAIRO-Operations Research, Review of Economic Design, Social Choice and Welfare, Theory and Decision.
- Textbook reviewing:
Thomson South-Western, Pearson Education, John Wiley & Sons
- Grant reviewing:
ESRC, Fulbright Commission, Israel Science Foundation, Social Science and Humanity Research Council Canada (SSHRC)

TEACHING EXPERIENCE

- Advanced Microeconomics (Graduate), *lecturer*, since 2009
- Applied Microeconomics I (Graduate), *lecturer*, since 2011
- Cooperation, Externalities, and Strategic Bargaining (Graduate), *lecturer*, 2011
- Design & Analysis of Mechanisms and Institutions (Graduate), *lecturer*, since 2016
- Finance and Investment (Graduate), *tutorial*, 2007-2013
- Management Decision Analysis (Graduate), *lecturer*, since 2007
- Management Science II (Undergraduate), *lecturer*, Spring 2005-2007
- Management Science III (Undergraduate), *lecturer*, Autumn 2005-2006
- Mathematics I (Undergraduate), *tutorial*, Autumn 2001; Spring 2003
- Mathematics II (Undergraduate), *tutorial*, Autumn 2003; Autumn 2004
- Microeconomics I (Graduate), *teaching assistant*, Autumn 2002-2004
- Microeconomics II (Graduate), *teaching assistant*, Spring 2002
- Microeconomics II (Undergraduate), *lecturer*, 2006-2011, 2014
- Microeconomics for Research (Graduate), *lecturer*, since 2014
- Strategic Thinking (Undergraduate), *lecturer*, Autumn, 2005
- The Economics of Information Economy (Undergraduate), *tutorial*, Spring 2005

- Topics in Game Theory (Graduate), *lecturer*, Autumn 2004
- Topics in Transition Economics (Undergraduate), *lecturer*, Spring 2005
- Dissertation supervision: have supervised about 30 MSc students on various topics
- PhD supervision and examination:
 - Jiawen Li (main supervisor), placed at Lancaster University;
 - Victoria Brosi (TAG member), career in industry.
 - Ercan Aslan (external examiner), PhD at the University of Edinburgh.
 - Alfredo Valencia Toledo (supervisor), visiting PhD student in 2016 from the University of Vigo, Spain.
- PostDoc supervision: Dr. Joss Erick Sanchez Perez (3 months)
- MSc Dissertation supervision: have supervised about 40 MSc students on various topics.

ADMINISTRATIVE ACTIVITIES

- Chair of the Departmental Research Committee, since 2015
- Member of the Departmental Management Team, since 2015
- Leader of the Economic Theory Cluster, since 2009
- Deputy Director, Centre for Mechanism and Institution Design, since 2015
- Director of Teaching Scholars, 2014-2016
- Member of the Departmental Research Committee, 2011-2012
- Senior Admissions Officer, 2008-2014
- Academic Training Officer, 2007-2010
- Examinations Officer, 2006-2007
- Seminar Organizer, 2005-2007