

# YUAN JU

LAST UPDATE: DECEMBER 2018

## COORDINATES

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## EDUCATION

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08/2000 - 12/2004	CentER, Tilburg University	The Netherlands
<i>Ph.D. in Economics (awarded on December 15, 2004). Dissertation: Cooperation, Compensation, and Transition, ISBN: 90-5668-139-7.</i>		
03/2001 - 12/2002	NAKE Graduate Program	The Netherlands
<i>NAKE (the Netherlands Network of Quantitative Economics) Diploma</i>		
09/1997 - 07/2000	Shandong University	China
<i>M.A. in Economics</i>		
09/1993 - 07/1997	Shandong University	China
<i>B.A. in Economics</i>		

## WORK EXPERIENCE

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10/2017 -	University of York	UK
<i>Professor of Economics</i>		
10/2013 – 09/2017	University of York	UK
<i>Senior Lecturer in Economics (equivalent to Associate Professor)</i>		
10/2007 – 09/2013	University of York	UK
<i>Lecturer in Economics, tenured (equivalent to Assistant Professor)</i>		
01/2005 - 09/2007	Keele University	UK
<i>Lecturer in Economics (equivalent to Assistant Professor)</i>		
01/2001 - 12/2004	Tilburg University	The Netherlands
<i>Ph.D. researcher and Teaching assistant</i>		

## RESEARCH INTERESTS

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

## VISITING EXPERIENCE

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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

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- *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

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- Costa-Gomes, M. A., Y. Ju and Jiawen Li (2019), **Do to No One What You Yourself Dislike? – An Experimental Study of the Golden Rule**, *Economic Inquiry* 57: 685-704.
- 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

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- **Bidding with Coalitional Externalities: A Strategic Approach to Partition Function Form Games**, with D. Wettstein, *To submit*.
- **A Non-Cooperative Interpretation of the Talmud Rule for Bankruptcy Problems**, with Jiawen Li, *To submit*.
- **Role-Reversal Consistent Trust**, with Miguel A. Costa-Gomes and Jiawen Li, *To submit*.
- **Achieving Ex-Post Efficiency by Bidding Mechanisms with Budget Balance**, with J. Lu, *Manuscript*.
- **The English Housing Market Mechanism**, with Z. Yang, *Manuscript*.

#### WORK IN PROGRESS

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

#### INVITED PRESENTATIONS AND CONFERENCE COMMITTEE

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- Programme Committee Member, *3<sup>rd</sup> East Asia Game Theory Conference*, 2019, Fuzhou, China
- Programme Committee Member, *2018 International Conference on Economic Theory and Applications*, July 2018, Chengdu, China.
- Programme Committee Member, *14<sup>th</sup> International Meeting of the Society for Social Choice and Welfare*, June 2018, Seoul, Korea
- *5th Workshop on Cooperative Game Theory and Financial Networks*, June 2018, Leipzig, Germany
- Keynote Speaker, *the Opening Ceremony of the China Center for Behavioral Economics and Finance*, April 2018, SWUFE, Chengdu, China.

- *Departmental Seminar*, Beijing Jiaotong University, 2017, China
- *Departmental Seminar*, Huazhong University of Science and Technology, 2017, China
- Programme Committee Member, *2<sup>nd</sup> East Asia Game Theory Conference*, 2017, Singapore
- *Micro Theory Workshop*, 11 July 2017, University of International Business and Economics, Beijing, China
- Co-Chair, *10<sup>th</sup> 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 *2<sup>nd</sup> Lancaster Game Theory Conference*, Lancaster University Management School, Lancaster, UK, November 2016
- Invited speaker at the *20<sup>th</sup> Tax Day*, Max Planck Institute for Tax Law & Public Finance, Munich, Germany, August 2016
- Invited speaker at the *1<sup>st</sup> 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.
- *Timbergen Institute Workshop on Economic Theory and Game Theory*, Free University Amsterdam, March 2011
- Keynote speaker opening *Timbergen 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 80<sup>th</sup> 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

#### CONFERENCE PRESENTATIONS

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- *International Conference on Economic Theory and Applications*, July 2018, Chengdu, China.
- *2018 Conference on Mechanism and Institution Design*, May 2018, Durham, UK.
- *10<sup>th</sup> 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.
- *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.
- *10<sup>th</sup> World Congress of the Econometric Society (ESWC 2010)*, August 2010, Shanghai
- *1<sup>st</sup> Conference of the Chinese Game Theory and Experimental Economics Association*, August 2010, Beijing
- *10<sup>th</sup> 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

## RESEARCH GRANTS

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- Special Project Grant, £12,500, Royal Economic Society, 2013, 2015-2017
- 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, £45,000, University of York, 2010-2018.
- *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

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- Econometric Society
- Game Theory Society
- Royal Economic Society

## PROFESSIONAL SERVICE

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- Editorial board:  
Co-editor of the *Journal of Mechanism and Institution Design*, since 2016  
Associate editor of the *Bulletin of Economic Research*, since 2012
- 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)*
- REF critical friend:  
*For an Economics Department at a University in London*
- External reviewer:  
*For tenure decisions or senior appointments at a few universities*

## TEACHING EXPERIENCE

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- 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

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- 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
- Performance Reviewer, since 2017
- Mentor of Junior Faculty Member, since 2018
- 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