

# YUAN JU

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## COORDINATES

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Department of Economics and Related Studies  
University of York  
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## EDUCATION

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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*

09/1993 - 07/1997    Shandong University    China  
*B.A. in Economics*

## WORK EXPERIENCE

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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

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

## VISITING EXPERIENCE

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06/2022	University of Vigo	Spain
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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- Li, J. and Y. Ju (2023), **Divide and choose: An informationally robust strategic approach to bankruptcy problems**, *Journal of Mathematical Economics* 107.
- Funaki, Y., P. Borm and Y. Ju (2020), **The Balanced Threat Agreement for Individual Externality Negotiation Problems**, *Homo Oeconomicus (Journal of Behavioral and Institutional Economics)* 37: 67-85.
- 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.

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#### WORKING PAPERS

- **Bidding with Coalitional Externalities: A Strategic Approach to Partition Function Form Games**, with D. Wettstein, *To submit*.
- **Decentralized Multilateral Bargaining**, with Juan Vidal-Puga, *To submit*.
- **Trust and Trustworthiness Norm-Conforming Behavior**, with Miguel A. Costa-Gomes and Jiawen Li, *Submitted*.
- **Achieving Ex-Post Efficiency by Bidding Mechanisms with Budget Balance**, with J. Lu, *Manuscript*.
- **The English Housing Market Mechanism**, with Z. Yang and Jingsheng Yu, *Manuscript*.

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#### WORK IN PROGRESS

- Multilateral Bargaining without Resorting to Unanimity, with Juan Vidal-Puga
- Partnership Made in Heaven, with D. Wettstein

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#### INVITED PRESENTATIONS AND CONFERENCE COMMITTEE

- Programme Committee Member, 2024 Conference on Mechanism and Institution Design, Budapest
- *Departmental Seminar*, Xi'an Jiaotong Liverpool University, June 2023, China
- *Departmental Seminar*, Department of Economics, City, University of London, London, May 2023

- *International Conference on Distributive Justice and Fair Allocation: in honor of Prof. Youngsub Chun*, February 2023, Busan, Korea
- *Departmental Seminar*, Department of Mathematics, University of A Coruña, June 2022, Spain
- *Departmental Seminar*, Department of Statistics, University of Vigo, June 2022, Spain
- *Organiser, 2<sup>nd</sup> York-Durham Workshop on Economic Theory*, June 2022, York
- *Departmental Seminar*, University of Bayreuth, April 2022 and July 2011, Germany
- *Departmental Seminar*, Paderborn University, December 2019, Paderborn, Germany
- *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
- *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 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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- *2020 Conference on Mechanism & Institutional Design*, June 2020, virtual meeting, organized by Alpen-Adria-University Klagenfurt, Austria.
- *19th Annual SAET (Society for the Advancement of Economic Theory) Conference*, June 30-July 6, 2019, Ischia, Italy.
- *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.
- *5<sup>th</sup> World Congress of the Game Theory Society*, July 2016, Maastricht, the Netherlands.
- *16<sup>th</sup> SAET Conference on Current Trends in Economics*, July 2016, Rio de Janeiro, Brazil.
- *2015 European Meeting on Game Theory, i.e., 11<sup>th</sup> 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
- *11<sup>th</sup> International Meeting of the Society for Social Choice and Welfare*, August 2012, New Delhi
- *4<sup>th</sup> World Congress of the Game Theory Society*, July 2012, Istanbul.
- *7<sup>th</sup> 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
- *6<sup>th</sup> Spain Italy Netherlands Meeting on Game Theory (SING VI)*, July 2010, Palermo
- *SING V*, July 2009, Amsterdam
- *27<sup>th</sup> Arne Ryde Symposium: Mechanism Design*, September 2008, Lund, Sweden
- *3<sup>rd</sup> World Congress of the Game Theory Society*, July 2008, Evanston, USA
- *62<sup>nd</sup> European Meeting of the Econometric Society (ESEM 2007)*, Aug. 2007, Budapest
- *SING III*, July 2007, Madrid, Spain
- *5<sup>th</sup> International Conference on Logic, Game Theory and Social Choice*, June 2007, Bilbao
- *12<sup>th</sup> Spring Meeting of Young Economists*, May 2007, Hamburg, Germany
- *ESEM 2006*, Aug. 2006, Vienna, Austria
- *SING II*, June 2006, Foggia, Italy
- *16<sup>th</sup> 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
- *31<sup>st</sup> 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
- *7<sup>th</sup> International Meeting of the Society for Social Choice and Welfare*, July 2004, Osaka, Japan
- *2<sup>nd</sup> World Congress of the Game Theory Society*, July 2004, Marseille, France
- *30<sup>th</sup> EARIE*, Aug 2003, Helsinki School of Economics, Finland
- *ESEM 2003*, Aug 2003, Stockholm University, Sweden
- *14<sup>th</sup> 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

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## RESEARCH GRANTS

- 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, £55,000, University of York, 2010-2020, 2023
- *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

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## PROFESSIONAL MEMBERSHIP

- Econometric Society
- Game Theory Society
- Royal Economic Society

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## PROFESSIONAL SERVICE

- Editorial board:  
Co-editor of the *Bulletin of Economic Research*, since 2020  
Associate editor of the *Bulletin of Economic Research*, 2012-2020  
Co-editor of the *Journal of Mechanism and Institution Design*, 2016-2019
- 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 Economics & Management Strategy*, *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, UKRI Future Leaders Fellowship, 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 examiner:  
*University of Liverpool, since 2019*
- External reviewer:  
*For tenure decisions or senior appointments at a few universities*

## TEACHING EXPERIENCE

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- Advanced Microeconomics (Graduate), *lecturer*, 2009-2019
- 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), graduated in 2015, now Lecturer at Lancaster University;
  - Lihui Lin (join supervisor), graduated in 2023, now PostDoc
  - Victoria Brosi (TAG member), career in industry.
  - Jop Schouten (PhD defense committee), Tilburg University, 2022
  - Wenna Wang (PhD defense committee), Free University Amsterdam, 2019
  - Ercan Aslan (external examiner), PhD at the University of Edinburgh, 2015
  - 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 dissertations.



## ADMINISTRATIVE ACTIVITIES

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- Deputy Head of Department, 2019-2022
- Departmental REF Lead, 2017-2022
- Chair of the Departmental Research Committee, 2015-2019
- 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