

Jianye YAN

Curriculum Vitae

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Appointment

2022-present: Professor, School of Economics and Management, Beijing, China Agricultural University, Beijing, China

2021-2022: Senior Economist, Alibaba & Ant Group

2018-2021: Associate Professor, Director of PhD Program, Institute of New Structural Economics, Peking University (PKU), Beijing, China

2015-2018: Associate Professor, School of Banking and Finance, University of International Business and Economics (UIBE), Beijing, China

2011-2014: Assistant Professor, School of Banking and Finance, University of International Business and Economics, Beijing, China

Research Fields

- Digital Economy and Finance;
- Market Design, Industrial Organization, Regulation;
- Theory and Empirics in Banking and Finance;
- Development Economics, Chinese Economy;
- Behavioral Economics;
- Environmental Economics

Education

- Ph.D. in economics, Toulouse School of Economics (TSE), Université Toulouse 1 (UT1), France, 2011
Advisor: Thomas Mariotti
- Master in economics, Toulouse School of Economics, Université Toulouse 1, France, 2006
Advisor: Jean Tirole
Rank: 1st/25; Graduate GPA: 17.00/20.00;
- Master in economics, China Center for Economic Research (CCER), Peking University, China, 2005
Rank: 4th/37; Graduate GPA: 3.94/4.00
- Bachelor in economics, Department of Economics, Business School, Nanjing University, China, 2002
Rank: 1st/66; Undergraduate GPA: 4.91/5.00

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Publications

- “A Pseudo-Market Approach to Allocation with Priorities”, with Yinghua He (Rice University), Antonio Miralles (Universitat Autònoma de Barcelona) and Marek Pycia (University of Zurich), *American Economic Journal: Microeconomics*, Vol. 10, No. 3, Pages 272-314, 2018; American Economic Association “Best Paper Award”, 2019.
- “Bundling decisions in procurement auction with sequential tasks”, with Sanxi Li (Renmin University of China), Hailin Sun (Tsinghua University) and Jun Yu (Shanghai University of Finance and Economics), *Journal of Public Economics*, Vol. 128, Pages 96–106, 2015.
- “A Theory of National Development Banks: Long-Term Investment and the Agency Problem”, with Shenzhe Jiang (Peking University), Junjie Xia (Peking University) and Jiajun Xu (Peking University), forthcoming, *Economic Theory*.
- “All-Pay Auctions with a Buy-Price Option”, with Sanxi Li (Renmin University of China) and Minbo Xu (Beijing Normal University), *Economic Inquiry*. Vol. 57, No. 1, Pages 617–630, January 2019.
- “Contract Design and Self-Control with Asymmetric Information”, with Sanxi Li (Renmin University of China) and Binqing Xiao (Nanjing University), *Economic Inquiry*, Vol. 52, No. 2, Pages 618–624, 2014.
- “Long-Term Finance Provision: National Development Banks vs. Commercial Banks”, with Bo Hu (Peking University), Alfredo Schclarek (Universidad Nacional de Córdoba) and Jiajun Xu (Peking University), Volume 158, October 2022, *World Development*.
- “The effects of electricity reforms on productivity and efficiency of China's fossil-fired power plants: An empirical analysis”, with Limin Du (Zhejiang University) and Yanan He (Xiamen University), *Energy Economics*, Volume 40, November 2013, Pages 804–812.
- “National Development Banks and Loan Contract Terms: Evidence from Syndicated Loans”, with Di Gong (University of International Business and Economics) and Jiajun Xu (Peking University), *Journal of International Money and Finance*, Volume 130, February 2023.
- “The Maturity Lengthening Role of National Development Banks”, with Alfredo Schclarek (Universidad Nacional de Córdoba) and Jiajun Xu (Peking University), *International Review of Finance*, forthcoming.
- “Evaluating Assignment without Transfers: A Market Perspective”, with Yinghua He (Toulouse School of Economics) and Sanxi Li (Renmin University of China), *Economics Letters*, Vol. 133, Pages 40–44, 2015.
- “Moral hazard in innovation: the relationship between risk aversion and performance pay”, with Pu Chen (Renmin University of China), Sanxi Li (Renmin University of China) and Xundong Yin (Central University of Finance and Economics), *Journal of Economics*, Vol. 118, Pages 77-89, May 2016, Issue 1.
- “Risk Aversion in the Nash Bargaining Problem with ISHARA utility functions”, with Sanxi Li (Renmin University of China), Hailin Sun (Tsinghua University) and Xundong Yin (Central University of Finance and Economics), *Journal of Economics*, Vol. 115, Pages 257-274, July 2015, Issue 3.
- Other academic publications in Chinese: 19 journal articles in Chinese, omitted.

Refereeing

RAND Journal of Economics, Social Choice and Welfare, Economic Inquiry, Journal of Economics, China Finance Review International;
Routledge, Taylor & Francis Group (leading academic publisher in the Humanities and Social Sciences);
and 5 Chinese journals

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Working Papers (in English; working papers in Chinese omitted)

- “Opt out? The Effect of the School Choice Lottery on the Private Educational Spending: Evidence from an Quasi-Experiment at China”, with Guodong Chen (New York University–Shanghai), Cheng Jiang (Peking University) and Yu Zhou (New York University–Shanghai).
- “Gender Difference in Mutual Fund Investment”, with Guodong Chen (New York University–Shanghai) and Yu Zhou (New York University–Shanghai).
- “Local Green Tastes and Expected Stock Returns”, with Jieying Hong (Beihang University) and Na Wang (Hofstra University).
- “Enforceability versus Flexibility: the Role of Smart Contracts”, with Sanxi Li (Renmin University of China), Tong Wang (University of Edinburgh) and Jianyu Yu (Southwestern University of Finance and Economics).
- “The Role of Financial Media in Corporate Financing”, with Weihua Huang (Maastricht University & KPMG Brussels) and Dongmin Yao (Central University of Finance and Economics).
- “Supervision Intensity, Incentives and Policy Burden: Some Lessons from the Reform of Chinese State-Owned Enterprises”, with Bo Hu (Peking University) and Justin Yifu Lin (Peking University).
- “Information Acquisition and Disclosure: the Case of Differentiated Goods Duopoly”, with Sanxi Li (Renmin University of China), Minbo Xu (Beijing Normal University) and Xudong Yin (Central University of Finance and Economics).
- “Contracting with Heterogeneous Quasi-hyperbolic Agents: Investment Goods Pricing under Asymmetric Information”, with Limin Du (Zhejiang University) and Sanxi Li (Renmin University of China).
- “Moral Hazard Model with Short-run Impatience and Imperfect Self-awareness”, with Sanxi Li (Renmin University of China) and Jun Yu (Shanghai University of Finance and Economics).

Research Projects and Grants (PI)

- “Research on Theoretical Construction and Simulation Prediction of Environmental Kuznets Curve: Based on Different Stages of Economic Development” funded by the National Social Science Foundation of China: 2020-2023
- “Research on Digital Technology Enabling the Transformation of China's Agri-Food Industry Chain” funded by China Agricultural University: 2023
- “Emission on the Path of Economic Development in Southern Countries” funded by *United Nations Development Programme*: 2019-2020
- “Research on the Micro-Foundation of New Structural Economics” funded by *Peking University*: 2018-2021
- “Mechanism design in matching without transfers: theory and experiment” funded by *the National Nature Science Foundation of China (NSFC)*: 2015-2017
- “On the systemic risk measurement indices: with the application of riskiness test of sovereign and local government debts” funded by *the Ministry of Education of China*: 2014-2016
- “Mechanism design for two-sided matching” funded by *the Ministry of Education of China*: 2014-2015
- Young Excellent Talents Grant “the omnipresence of game-theoretic analysis and application in contemporary economics and finance: theory and practice” funded by *University of International Business and Economics*: 2014-2016

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International Visiting

- Department of Economics, Chinese University of Hong Kong, Hong Kong, 2023, 2019.
- School of Global Policy and Strategy, University of California, San Diego, USA, 2020, 2019.
- Andrew Young School of Policy Studies, Georgia State University, USA, 2019, 2015.
- Toulouse School of Economics, France, 2013.
- University of Cape Town, South Africa, 2010.
- Max Planck Institute for Demographic Research, Germany, 2004.

Teaching Experience

- **Teaching Projects and Grants (PI)**

New Structural Environmental Economics (funded by Peking University: 2020-2021)

Economics of Banking (funded by University of International Business and Economics: 2016-2018)

Advanced Microeconomics (co-PI, funded by University of International Business and Economics: 2012-2014)

- **Instructor (in PKU):** Microeconomics of Banking (graduate, bilingual in Chinese and English), Theory of Incentives and its Applications (graduate, bilingual in Chinese and English), Antitrust and Regulation (undergraduate, bilingual in Chinese and English), Econometrics (undergraduate, bilingual in Chinese and English).
- **Instructor (in UIBE):** Advanced Microeconomics I (master, in Chinese), Advanced Microeconomics II (PhD, bilingual in Chinese and English), Institution and Contract Theory in Finance (PhD and master, in Chinese), Advanced Macroeconomics I (master, in Chinese), Intermediate Microeconomics (undergraduate, in Chinese), Microeconomics (undergraduate, in English), Economics of Banking (undergraduate, bilingual in Chinese and English).
- **Previous Teaching Positions:**
 - ATER (Attaché Temporaire d'Enseignement et de Recherche), UT1, France, 2010-2011
 - Lecturer, Toulouse School of Economics, France, 2009-2010
- **Tutorial Courses Taught:** Microeconomics I (TSE, graduate, in English), Theory of Incentives (TSE, graduate, in English), Econometrics (TSE, graduate, in English), Macroeconomie (UT1, undergraduate, in French), Microeconomie (undergraduate, in French), Mathematical Economics (PKU, graduate, in Chinese), Investments (PKU, MBA, in Chinese), Labor Economics (PKU, undergraduate, in Chinese), Households Demography and Market Economy (PKU, graduate, in Chinese), Econometrics (PKU, undergraduate, in Chinese)
- **Laboratory Courses Taught:** “R” (TSE, graduate, in English), STATA (PKU, graduate, in Chinese)

Languages

English (fluent), French (basic), Chinese (native)

Software Skills

STATA, MATLAB, R, LaTeX, Scientific Workplace