



# BUYUAN YANG

Personal Website: <http://buyuanyang.com>

Email: [yby19@mails.tsinghua.edu.cn](mailto:yby19@mails.tsinghua.edu.cn); [byang@law.harvard.edu](mailto:byang@law.harvard.edu)

Address: 1 Tsinghua Garden, Haidian District, Beijing 100084, China

---

## EDUCATION

<b>Ph.D. in Economics</b>   <i>Fields: Digital Economics and Economic Growth</i>	Sep. 2019 – Jul. 2023(expected)
Tsinghua University	Beijing, China
<b>Visiting Scholar in Economics</b>	Jan. 2022 –Present
Harvard University	Boston, the United States
<b>M.A. in Economics</b>	Sep. 2016 – Jul. 2019
Central University of Finance and Economics	Beijing, China
<b>B.E. in Measuring and Controlling Technology</b>	Sep. 2012 – Jul. 2016
Southeast University	Nanjing, China

---

## WORKING PAPERS

- Endogenous Information Carrier Technology** (with Danxia Xie)  
see SSRN: [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=4114985](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4114985)
- Information Carrier Technology and Endogenous Growth** (with Danxia Xie)  
see SSRN: <http://dx.doi.org/10.2139/ssrn.3974781>, Under review: *American Economic Review*
- Platform Dynamics and Economic Development** (with Danxia Xie)  
see SSRN: <http://dx.doi.org/10.2139/ssrn.3748484>
- Solow to Becker-Lucas** (with Danxia Xie)  
see SSRN: <http://dx.doi.org/10.2139/ssrn.3465369>
- Language and Integration: Evidence from Housing Markets in the United States** (with Tiantian Dai, Shenyi Jiang, and Tao Jin)  
see SSRN: <http://dx.doi.org/10.2139/ssrn.3878970>, Revise & Resubmit: *Applied Economics*
- Data Deepening and Nonbalanced Economic Growth** (with Baitao Zhang)  
see SSRN: <https://ssrn.com/abstract=3894511>, Under review: *Economics Letters*
- Economic Analysis of the Public Health Reform in the Post-pandemic Era** [in Chinese] (with Danxia Xie, Weiyi Zhao and Peilin Liu)
- General Equilibrium Theory and Policy Analysis for the Reform of Land Property Rights** [in Chinese] (with Danxia Xie, Weiyi Zhao and Taoxiong Liu)
- An Economic Analytical Framework for Exclusive Contracts in Platform Competition: The Analysis of Competition, Antitrust and Welfare for Asymmetric E-commerce Platforms** [in Chinese] (with Danxia Xie, Yao Li and Hongru Xiong)

---

## WORK IN PROGRESS

**Transportation and Information: The Driving Forces Behind Modern Growth**

## CONFERENCES AND PRESENTATIONS

---

Danxia Xie and **Buyuan Yang**, “Platform Dynamics and Economic Development”, in *The 2022 Annual Conference in Digital Economics*, Tsinghua University, Fujian, China, January 16, 2022.

Danxia Xie and **Buyuan Yang**, “Platform Dynamics and Economic Development”, in *2021 China Meeting of the Econometric Society*, ShanghaiTech University, Shanghai, China, July 1 – 3, 2021.

Danxia Xie and **Buyuan Yang**, “Platform Dynamics and Economic Development”, in *2021 Asian Meeting of the Econometric Society*, Curtin University Malaysia, June 25 – 27, 2021.

Danxia Xie, Weiyi Zhao, Buyuan Yang and Peilin Liu, “Economic Analysis of the Public Health Reform in the Post-pandemic Era” [Chinese], in No.625, Doctoral Forum of Tsinghua University, Beijing, China, May 8, 2021 (Best Presentation Award) (Speaker: Weiyi Zhao).

Danxia Xie and **Buyuan Yang**, “Platform Dynamics and Economic Development”, in *2021 Virtual Meeting of the International Industrial Organization Conference*, Northeastern University, May 1, 2021.

Danxia Xie, Buyuan Yang, Yao Li and Hongru Xiong, “A General Analytical Framework for Exclusive Contracts in Platform Competition: The Analysis of Competition, Antitrust and Welfare for Asymmetric E-commerce Platforms” [Chinese], in *Digital Economy and Development Transformation Seminar*, Renmin University of China, Beijing, China, September 26, 2020 (Speaker: Danxia Xie)

Danxia Xie, Buyuan Yang, “Platform Dynamics and Economic Development: Taking Taobao Village as an Example” [Chinese], in *The 8th China Taobao Village Summit Conference*, Hebei, China, September 26, 2020 (Speaker: Danxia Xie).

Tiantian Dai, Shenyi Jiang, Tao Jin and **Buyuan Yang**, “Language and Integration: Evidence from the Housing Markets in the United States”, in No.596, Doctoral Forum of Tsinghua University, Beijing, China, May 16, 2020.

**Buyuan Yang** and Danxia Xie, “Solow to Becker-Lucas”, in *2019 China Meeting of the Econometric Society*, Guangzhou, China, June 20, 2019.

Danxia Xie and **Buyuan Yang**, “Solow to Becker-Lucas”, in No.555, Doctoral Forum of Tsinghua University, Beijing, China, May 18, 2019 (Best Presentation Award).

## TEACHING ASSISTANT EXPERIENCE

---

**Model Innovation for Economic Science & Policy** (2021 Spring), Prof. Danxia Xie, Tsinghua University

**Principles of Economics II** (Spring 2021), Prof. Feng Dong, Tsinghua University

**Law and Economics** (Fall 2020), Prof. Danxia Xie, Tsinghua University

**Intermediate Macro: Economic Science Policy** (Spring 2020), Prof. Danxia Xie, Tsinghua University

**Macroeconomic Analysis of China** (Fall 2019), Prof. Weiping Jin, Tsinghua University

## WORK EXPERIENCE

---

**Intern** Jun. 2022–Jul. 2022  
Management Committee of Nanjing Jiangbei New Area Nanjing, China

**Assistant Research Fellow** Jan. 2021–Jul. 2021  
Digital Currency Research Institute, People’s Bank of China Beijing, China

**Assistant Research Fellow** Nov. 2018–Jul. 2019  
Financial Research Center, Tencent Beijing, China

## HONORS AND AWARDS

---

<b><i>Outstanding Graduate Honor</i></b> Beijing Municipal Commission of Education	Jun 2019 Beijing, China
<b><i>The First Class Scholarship Winner</i></b> Central University of Finance and Economics	Dec 2018 Beijing, China
<b><i>The First Class Scholarship Winner</i></b> Central University of Finance and Economics	Dec 2017 Beijing, China
<b><i>The Second Class Prize of National Post-Graduate Mathematical Contest in Modeling</i></b> Graduate Education Development Center of Ministry of Education of China	Dec 2016 Beijing, China
<b><i>Finalist Award of Mathematical/Interdisciplinary Contest in Modeling</i></b> the Consortium for Mathematics and Its Applications (USA)	Mar 2015 Nanjing, China

## SKILLS

---

**Languages:** Chinese (Native), English (Fluent)  
**Programming:** Python (NumPy, SciPy, Matplotlib, Pandas), MATLAB, Mathematica, R, C++  
**Document Creation:** Microsoft Office, LaTeX

## INTERESTS

---

**Swimming, Classical music, and Calligraphy**