

# WEI CHEN

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## ACADEMIC APPOINTMENT

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2015-      Eller College of Management, University of Arizona  
             *Assistant Professor, Management Information Systems*

## EDUCATION

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2009-2015    RADY SCHOOL OF MANAGEMENT, UNIVERSITY OF CALIFORNIA, SAN DIEGO  
             *Ph.D. Innovation, Technology and Operations, 2016*

2002-2008    HARBIN INSTITUTE OF TECHNOLOGY, HARBIN, CHINA  
             *M.S. Management Science and Engineering, 2008*  
             *B.S. Management Information Systems, 2006*

## RESEARCH INTEREST

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**Peer Production:** Sharing Economy, Open Source Software, User Generated Content

**FinTech:** Blockchain Technologies, Crowdfunding

**Business Analytics:** Combining Causal Models and Machine Learning

## AWARDS, HONORS, AND GRANTS

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2020      Best Paper Award in Track, and Best Paper Nominee for International Conference on Information Systems (ICIS 2020)

2020      INFORMS Information Systems Society Gordon B. Davis Young Scholar Award

2020      Center for Management Innovations in Healthcare (CMIH) Research Grants

2019      NET Institute Summer Research Grant

2019      Marketing Science Institute (MSI) Research Grants

2018      Best Paper Runner-up, The 12th China Summer Workshop on Information Management (CSWIM 2018)

2018      Co-PI, General Research Fund, The Research Grants Council of Hong Kong (2018-2019)

2017      Best Paper Award in Track, and Best Paper Nominee for International Conference on Information Systems (ICIS 2017)

2016-2019    Eller College Dean's Small Research Grant (Spring 2016, 2017, 2018, and 2019)

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| 2016 | Best Paper Award, The 10th China Summer Workshop on Information Management (CSWIM 2016) |
| 2014 | Best Paper Nominee, Conference on Information Systems and Technology (CIST 2014)        |

## SELECTED PUBLICATIONS

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- August, T., **Chen, W.**, and Zhu, K. X. (2020) Competition among Proprietary and Open-Source Software Firms: The Role of Licensing on Strategic Contribution. *Management Science*, *Forthcoming*.  
     – Best Paper Nominee, CIST 2014
- Wang, W., **Chen, W.**, Zhu, K., and Wang, H. (2020). Emphasizing the Entrepreneur or the Idea? The Impact of Text Content Emphasis on Investment Decisions in Crowdfunding. *Decision Support Systems*, 136, 113341.
- **Chen, W.**, Gu, B., Ye, Q., and Zhu, K. X. (2019) Measuring and Managing the Externality of Managerial Responses to Online Customer Reviews. *Information Systems Research*, 30(1), 81-96.
- **Chen, W.**, Wei, X., and Zhu, K. X. (2018) Engaging Voluntary Contributions in Online Communities: A Hidden Markov Model. *MIS Quarterly*, 42(1), 83-100.

## WORKING PAPERS

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- The Battle for Homes: How Does Home Sharing Disrupt Local Residential Markets? (with Zaiyan Wei and Karen Xie), *Management Science*, *under revision for 4th round review*.  
     – Best Paper Runner-up, CSWIM 2018
- Flourish or Perish? The Impact of Mergers and Acquisitions on Contributions to Open-Source Software Projects (with Fujie Jin and Ling Xue), *Information Systems Research*, *under revision for 4th round review*.
- Regulating Professional Players in Peer-to-peer Markets: Evidence from Airbnb (with Zaiyan Wei and Karen Xie), *Management Science*, *under 2nd round review*.  
     – Awarded Marketing Science Institute Research Grant 2019
- Growing Entrepreneurship with Crypto Tokens (with Weifeng Li and Karen Xie), *Management Science*, *under revision for 2nd round review*.  
     – Best Paper Award, Blockchain, DLT and FinTech Track, and Best Paper Nominee for ICIS 2020.
- Quality Differentiation and Matching in Peer-to-peer Markets: Evidence from Airbnb Plus (with Hongchang Wang, Benjamin Williams, and Karen Xie)
- Home Sharing and Tourist Attractions: Spillover Effects, Mechanisms, and Unintended Consequences (with Karen Xie, Jianwei Liu, and Yong Liu)
- Release Timing for Sequential New Product Co-Creation: Evidence from Open Source Software (with Vish Krishnan, Xiaofeng Liu, and Kevin Zhu)

– Best Paper Award, CSWIM 2016

- Quality Differentiation and Matching Efficiency in Peer-to-peer Markets: Evidence from Airbnb Plus (with Hongchang Wang, Benjamin Williams, and Karen Xie)
- Lower Taxes, Smarter Crowd? The Impact of Tax Incentives on Equity Crowdfunding (with Mingfeng Lin and Bryan Zhang)
- Be Gentle to the Newbies: Heterogeneous Impacts of Negative Feedback in Online Communities (with Yinchu Zhu, Laura Brandimarte, and Dong Jing)
- The Impact of Introductory Incentives on New Users: Evidence from An Online Health Community (with Xiaofei Zhang, Bin Gu, and Xitong Guo)

– Best Paper Award, IT and Healthcare Track, and Best Paper Nominee for ICIS 2017.

## INVITED TALKS

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- 2019      Haskayne School of Business, University of Calgary, Jul 26-31.  
            School of Management, Zhongshan University, Jun 28.
- 2018      School of Management, Xiamen University, Jul 9-12.  
            School of Information Management, Wuhan University, Jul 7.  
            School of Management, Huaqiao University, Jul 5.  
            School of Management, Fudan University, Jul 3.  
            School of Economics and Management, Tongji University, Jun 30 - Jul 1.
- 2017      School of Management, Harbin Institute of Technology, Jul 5.  
            School of Management, Huazhong University of Science & Technology, Jun 22.  
            School of Information Management, Wuhan University, Jun 22.
- 2016      Robert H. Smith School of Business, University of Maryland, College Park, Sep 30.
- 2015      Eller College of Management, University of Arizona, Feb 3.  
            College of Business, University of Illinois at Urbana-Champaign, Jan 30.  
            Naveen Jindal School of Management, University of Texas at Dallas, Jan 28.  
            College of Business and Economics, Lehigh University, Jan 26.  
            Carl H. Lindner College of Business, University of Cincinnati, Jan 23.  
            Kelley School of Business, Indiana University, Jan 20.  
            Eli Broad College of Business, Michigan State University, Jan 16.
- 2014      Freeman School of Business, Tulane University, Dec 8.  
            Rady School of Management, University of California, San Diego, Dec.

## CONFERENCE AND WORKSHOP

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- Quality Differentiation and Matching Efficiency in Peer-to-peer Markets: Evidence from Airbnb Plus
  - *Conference of Information Systems and Technology (CIST)*, Virtual Event, Nov 7-8, 2020.
- Funding Open Source Software with Cryptocurrency Tokens
  - *International Conference on Information Systems (ICIS)*, India, Dec 13-16, 2020. (Weifeng Li, **Best Paper Award** in Blockchain, DLT and FinTech Track, nominated for ICIS best paper)
  - *INFORMS Annual Meeting*, Seattle, WA, Oct 20-23, 2019. (Karen Xie)
  - *Conference of Information Systems and Technology (CIST)*, Seattle, WA, Oct 19-20, 2019. (Karen Xie)
  - *The 13th China Summer Workshop on Information Management (CSWIM)*, Shenzhen, China, Jun 29-30, 2019.
- How Incumbents Adapt to Disruption: Evidence from Hotels' Responses to Home Sharing Leveraging Quasi-experiments and Machine Learning
  - *2019 Conference on Artificial Intelligence, Machine Learning, and Business Analytics*, Philadelphia, PA, Dec 12-13, 2019. (Karen Xie)
  - *NET Institute Conference*, New York, NY, Nov 15, 2019. (Karen Xie)
  - *INFORMS Annual Meeting*, Seattle, WA, Oct 20-23, 2019.
  - *Statistical Challenges in Electronic Commerce Research (SCECR)*, Hong Kong, Jun 10-13, 2019.
  - *Marketing Dynamics Conference*, College Park, Maryland, Jun 5-8, 2019.
- Regulating Professional Players in Peer-to-peer Markets: Evidence from Airbnb
  - *INFORMS Annual Meeting*, Seattle, WA, Oct 20-23, 2019.
  - *Conference of Information Systems and Technology (CIST)*, Seattle, WA, Oct 19-20, 2019. (Karen Xie)
  - *The 13th China Summer Workshop on Information Management (CSWIM)*, Shenzhen, China, Jun 29-30, 2019.
  - *Marketing Dynamics Conference*, College Park, Maryland, Jun 5-8, 2019.
- Be Gentle to the Newbies: Heterogeneous Impacts of Negative Feedback in Online Communities
  - *Workshop on Information Systems and Economics (WISE)*, San Francisco, CA, Dec 17-18, 2018.
  - *INFORMS Annual Meeting*, Phoenix, AZ, Nov 4-7, 2018.
  - *Conference on Digital Experiment (CODE)*, Cambridge, MA, Oct 26-27, 2018.
- The Battle for Homes: How Does Home Sharing Disrupt Local Residential Markets?
  - *Conference of Information Systems and Technology (CIST)*, Seattle, WA, Oct 19-20, 2019. (Karen Xie)
  - *The Platform Strategy Research Symposium*, Boston, MA, Jul 17, 2019.
  - *INFORMS Annual Meeting*, Phoenix, AZ, Nov 4-7, 2018.
  - *The 12th China Summer Workshop on Information Management (CSWIM)*, Qingdao, China, Jun 23-24, 2018. (Karen Xie, **Best Paper Runner-up**)
- The Impact of Introductory Incentives on New Users: Evidence from An Online Health Community
  - *International Conference on Information Systems (ICIS)*, Seoul, Korea, Dec 10-13, 2017. (Xiaofei Zhang, **Best Paper Award** in IT and Healthcare Track, nominated for ICIS best paper)
  - *INFORMS Annual Meeting*, Huston, TX, Oct 22-25, 2017.

- *Young Scholar Forum, CNAIS Annual Meeting*, Shanghai, China, Oct 20-22, 2017. (Xiaofei Zhang, **Best Paper Award**)
- *The 11th China Summer Workshop on Information Management (CSWIM)*, Nanjing, China, Jun 24-25, 2017. (Xiaofei Zhang)
- Flourish or Perish? The Impact of Mergers and Acquisitions on Contributions to Open-Source Software Projects
  - *Conference of Information Systems and Technology (CIST)*, Houston, TX, Oct 21-22, 2017. (Fujie Jin)
- Lower Taxes, Smarter Crowd? Impact of Tax Incentives on Equity Crowdfunding
  - *Workshop on Information Systems and Economics (WISE)*, Seoul, South Korea, Dec 13-15, 2017.
  - *POMS 28th Annual Meeting*, Seattle, WA, May 5-8, 2017.
  - *INFORMS Annual Meeting*, Nashville, TN, Nov 13-16, 2016.
- The Impact of Release Management on Open-Source Software Co-Creation
  - *INFORMS Annual Meeting*, Nashville, TN, Nov 13-16, 2016.
  - *The 10th China Summer Workshop on Information Management (CSWIM)*, Dalian, China, Jun 25-26, 2016. (**Best Paper Award**)
  - *Proceedings of Pacific Asia Conference on Information Systems (PACIS)*, Jeju Island, Korea, Jun 18-22, 2013. (Kevin Zhu)
  - *INFORMS Annual Meeting*, Phoenix, AZ, Oct 14-17, 2012.
  - *The 5th China Summer Workshop on Information Management (CSWIM)*, Harbin, China, Jun 25-26, 2011.
- Competition among Proprietary and Open-Source Software Firms: The Role of Licensing on Strategic Contribution
  - *INFORMS Annual Meeting*, Philadelphia, PA, Nov 1-4, 2015.
  - *Conference of Information Systems and Technology (CIST)*, San Francisco, CA, Nov 8-9, 2014. (**Best Paper Nominee**)
  - *INFORMS Annual Meeting*, Minneapolis, MN, Oct 6-9, 2013.
- Engaging Voluntary Contributions in Online Communities: A Hidden Markov Model
  - *Hawaii International Conference on System Sciences (HICSS)*, Kauai, HI, Jan 2015. (Xiahua Anny Wei)
  - *Workshop on Information Systems and Economics (WISE)*, Auckland, New Zealand, Dec 17-19, 2014.
  - *INFORMS Annual Meeting*, San Francisco, CA, Nov 9-12, 2014.
  - *The 8th China Summer Workshop on Information Management (CSWIM)*, Chengdu, China, Jun 21-22, 2014.
  - *POMS 25th Annual Conference*, Atlanta, GA, May 9-12, 2014.
  - *INFORMS Annual Meeting*, Minneapolis, MN, Oct 6-9, 2013.
  - *Economics of IT and Digitization Workshop, NBER Summer Institute*, Boston, MA, Jul 18-19, 2013.

## TEACHING EXPERIENCE

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- **Instructor, University of Arizona, 2015 - Present**

- MIS 611C: Economics of Information Systems
  - \* Fall 2020: 9 PhD students
- MIS 543 Online: Business Data Communications and Networking
  - \* Fall 2020: 4.6/5 and 4.8/5 (avg. of 32 questions), 51 MS students (online, MIS and Cyber-security)
  - \* Fall 2019: 4.6/5, 39 online MS in Cybersecurity students
- MIS 543: Business Data Communications and Networking
  - \* Fall 2020: 33 MS students
  - \* Fall 2019: 4.9/5 and 4.7/5 (avg. of 12 questions), 79 MS students
  - \* Fall 2018: 4.6/5, 42 MS students
  - \* Fall 2017: 4.6/5 and 4.8/5, 80 MS students
  - \* Fall 2016: 4.1/5 and 4.0/5, 76 MS students
- MIS 307: Business Data Communications
  - \* Fall 2018: 4.4/5 and 4.7/5, 108 UG students
  - \* Fall 2017: 4.3/5, 53 UG students
  - \* Fall 2016: 4.4/5, 39 UG students
  - \* Fall 2015: 4.2/5 and 4.8/5, 86 UG students

- **Instructor, UC San Diego, 2013**

- MGT 103: Product Marketing and Management (Summer 2013), 4.2/5, 32 UG students

## ACADEMIC SERVICE

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- Conference Service
  - Program Committee
    - \* *Conference on Information Systems and Technology (CIST)* 2015-2020
    - \* *China Summer Workshop on Information Management (CSWIM)* 2019-2020
  - Session Chair
    - \* *INFORMS Annual Meeting* 2016-2020
    - \* *China Summer Workshop on Information Management (CSWIM)* 2016-2019
  - Associate Editor
    - \* *International Conference on Information Systems (ICIS)* 2020-2021
  - Review coordinator for *International Conference on Information Systems (ICIS)* 2018)
- Journal Reviewer: *Management Science, Information Systems Research, MIS Quarterly, Production and Operations Management*, among others.
- Conference Reviewer: *International Conference on Information Systems (ICIS)*, *China Summer Workshop on Information Management (CSWIM)*, among others.
- Internal Service
  - Eller Executive Education Committee, 2020-2021

- Eller innovation committee, 2020
- Master’s programs committee, 2019-2020
- Cybersecurity recruiting committee, 2019
- Business analytics recruiting committee, 2018
- Undergraduate program committee, 2018-2019
- ECE Cybersecurity Search Committee, 2018
- Cybersecurity recruiting committee, 2016-2017
- Zipperman scholarship committee, 2016-2020
- Joelle Benson STEM scholarship committee, 2017-2018

## STUDENT SUPERVISION

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- Doctoral Committee
  - Zhipeng Chen, University of Arizona, 2020
  - Jiaheng Xie, University of Arizona, 2020 (University of Delaware)
  - Xuan Wei, University of Arizona, 2020 (Shanghai Jiaotong University)
  - Xiaofeng Li, University of Arizona, 2018 (minor advisor)
  - Hongyi Zhu, University of Arizona, 2019 (University of Texas at San Antonio)
  - Karthik Srinivasan, University of Arizona, 2018 (The University of Kansas)
  - Yun Wang, University of Arizona, 2017 (Microsoft)
  - Qiang Gao, University of Arizona, 2016 (The City University of New York)
- Doctoral Comprehensive Exam Committee
  - Zhipeng Chen, University of Arizona, 2020
  - Jiaheng Xie, University of Arizona, 2020
  - Zhengchao Yang, University of Arizona, 2018
  - Xuan Wei, University of Arizona, 2017
  - Hongyi Zhu, University of Arizona, 2017
  - Weifeng Li, University of Arizona, 2017
  - Yun Wang, University of Arizona, 2016
  - Karthik Srinivasan, University of Arizona, 2016
  - Yang Wang, University of Arizona, 2016
  - Qiang Gao, University of Arizona, 2016
  - Victor Benjamin, University of Arizona, 2015
- Master Students
  - Pu Sun, 2020
  - Yizhi Liu, 2020
  - James Richardson, 2017
- Undergraduate Students

- Jiaxin Liu, 2020-2021, Central Bank Digital Currency
- Nick James Meyer, Summer 2020, Quantopian
- Tam Dinh Duong, Summer 2020, Mining pools
- Yang Liu, 2018-2019, Stablecoins

## WORK EXPERIENCE

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2007-2009   Research Assistant, School of Hotel and Tourism Management, Hong Kong Polytechnic University

## AFFILIATIONS

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- Association for Information Systems (AIS), since 2012
- The Institute for Operations Research and the Management Sciences (INFORMS), since 2012
- The American Economic Association (AEA), since 2014
- The Association for Computing Machinery (ACM), since 2014