GONGTAI WANG

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RESEARCH INTEREST

Keywords
Digital innovation, design thinking, case study

Perspective
A combination of Clayton Christensen's disruptive innovation and Roberto Verganti's design-driven innovation

Overarching Question
How can firms transform industries through fundamentally rethinking and strategically redesigning traditional products, services, and businesses with emerging digital technologies such as artificial intelligence, blockchain, Metaverse, and IoT?

ACADEMIC POSITION

Assistant Professor	**01/07/2022 – Now**
Smith School of Business, Queen's University, Kingston, Ontario, Canada	
Lecturer (External)	**13/01/2022 – 07/04/2022**
Smith School of Business, Queen's University, Kingston, Ontario, Canada	
Research Fellow (Postdoctoral)	**03/07/2021 – 02/07/2022**
UQ Business School, University of Queensland, St Lucia, Queensland, Australia	
Lecturer in BIS (Postdoctoral)	**01/02/2021 – 02/07/2021**
UQ Business School, University of Queensland, St Lucia, Queensland, Australia	
Postdoctoral Researcher	**01/05/2018 – 31/01/2021**
UQ Business School, University of Queensland, St Lucia, Queensland, Australia	

EDUCATION BACKGROUND

PhD in Information Systems and Management	**30/9/2013 – 05/03/2018**
Warwick Business School, University of Warwick, United Kingdom	
Master in System Engineering	**1/9/2009 – 15/9/2011**
Graduate School of System Design and Management, Keio University, Japan	
Bachelor in Management (e-Business)	**1/9/2003 – 10/7/2007**
Economics and Management College, Dalian Maritime University, China	

PUBLICATION

Journal Articles

- Andrew Burton-Jones, and Gongtai Wang. (2023), "What Makes a Journal Significant? From the Tyranny of Metrics to True Impact," *MIS Quarterly*. [ABDC-A*; FT50]
- Gongtai Wang, Ola Henfridsson, Joe Nandhakumar, and Youngjin Yoo. (2022), "Product Meaning in Digital Product Innovation," *MIS Quarterly*. [ABDC-A*; FT50]
- Laila Dahabiyeh, Mohammad S. Najjar, Gongtai Wang. (2022) "Online Teaching During COVID-19 Crisis: The Role of Technostress and Emotional Dissonance on Online Teaching Exhaustion and Teaching Staff Productivity," *International Journal of Information and Learning Technology*
- Gongtai Wang. (2022), "Digital Reframing: Design Thinking of Digital Innovation," *Journal of Product Innovation Management*. [ABDC-A*]

Conference Papers

- Gongtai Wang, and Andrew Burton-Jones. (2023), "Miscellaneous Citation Groups Are Buried in Journal Impact Factors," in *Proceedings of ICIS 2023*.
- Gongtai Wang. (2022), "Digital Mesh: On the Rise of Mesh Computing," in *Proceedings of ICIS 2022*.
- Gongtai Wang, and Andrew Burton-Jones. (2020), "Rethinking IT Governance Structure and Action," in *Proceedings of ICIS 2020.* **[Best Short Paper, Conference]**
- Gongtai Wang, and Andrew Burton-Jones. (2020), "Governing Digital Transformation: A New Perspective," in *Proceedings of ICIS 2020.* **[Best Short Paper, Track]**
- Gongtai Wang, and Joe Nandhakumar. (2017), "Strategic Swaying: How Startups Grow Digital Platforms," in *Proceedings of ICIS 2017.*
- Gongtai Wang, Ola Henfridsson, and Joe Nandhakumar. (2016), "How Do Designers Assemble Representational Practices to Generate Radical Digital Innovations?", in *Proceedings of ICIS 2016.*
- Gongtai Wang, and Joe Nandhakumar. (2016), "Affordance-Based Conceptualization of Adaptive Use of Enterprise Systems," in *Proceedings of ECIS 2016.* **[Best Paper Award Runner-Up]**

Book Chapters

- Gongtai Wang (2023), "Digital Value and Organizational Change: It's Time to Rethink Organization for Value-in-Configuration," in *Advancing Digital Value*. Edward Elgar Publishing.
- Gongtai Wang, Andrew Burton-Jones, and Saeed Akhlaghpour. (2023), "Balancing the Momentum of Datafication," in *The Cambridge Handbook of Qualitative Digital Research*. Cambridge University Press.

Business Articles

- Gongtai Wang. (August 2023), "Six Ways to Ease AI-Induced Stress," *Smith Business Insight*.

- Gongtai Wang. (April 2023), "It's Time for a Sober View of AI," *Smith Business Insight*.
- Gongtai Wang. (January 2023), "For Digital Innovation, Product Meaning Rises to the Top," *Smith Business Insight*.

COURSE DESIGN

Introduction to Digital Business and Technology (Undergraduate)   **2023**
Smith School of Business, Queen's University

System Thinking and Digitalization (Practitioner Master)   **2022**
Smith School of Business, Queen's University

Advanced Topics in IS Design, Development, and Implementation (Ph.D.)   **2022**
Smith School of Business, Queen's University

TEACHING EXPERIENCE

Introduction to Digital Business and Technology (Undergraduate, three sections)   **2024**
Smith School of Business, Queen's University

Advanced Topics in IS Design, Development, and Implementation (PhD)   **2024**
Smith School of Business, Queen's University

Introduction to Digital Business and Technology (Undergraduate, two sections)   **2023**
Smith School of Business, Queen's University

System Thinking and Digitalization (Practitioner Master)   **2022**
Smith School of Business, Queen's University

Advanced Topics in IS Design, Development, and Implementation (PhD)   **2022**
Smith School of Business, Queen's University

Information Systems Honours (Undergraduate)   **2022**
UQ Business School, University of Queensland

Transforming Business with Information Systems (Undergraduate)   **2021**
UQ Business School, University of Queensland

Advanced Studies in Business Information Systems (Undergraduate; Guest Lecturer)   **2021**
UQ Business School, University of Queensland

Data Analytics for Business (Master)   **2020**
UQ Business School, University of Queensland

Data Analytics for Business (Undergraduate)   **2020**
UQ Business School, University of Queensland

Meaning-Making in Digital Product Innovation (Master; Guest Lecturer)   **2020**
Warwick Business School, University of Warwick

Business Information Systems Analysis and Design (Master)   **2020**
UQ Business School, University of Queensland

Information Systems Strategy and Sourcing (Master)   **2019**
UQ Business School, University of Queensland

Research Methods (Master; Guest Lecturer)   **2017**
Warwick Business School, University of Warwick

CONFERENCE PRESENTATION AND INVITED TALK

- "Finding the Next Frontiers in DITE Research," for SIGDITE at the 2023 International Conference on Information Systems
- "Digital Mesh: On the Rise of Mesh Computing," at the 2022 International Conference on Information Systems
- "Understanding the Diversity of Qualitative Research," online to the University of Nottingham Ningbo China in 2022
- "Think Like a Reviewer," online to China Pharmaceutical University in 2022
- "An Alternative Theoretical Lens for Understanding Digital Platform Evaluation," at the 2021 JAIS Theory Development Workshop
- "Product Meaning in Digital Product Innovation," online to Shanghai Jiao Tong University in 2022
- "Digital Reframing: Design Thinking of Digital Innovation," at the 2020 JPIM Workshop on Design Thinking and Innovation Management
- "Rethinking IT Governance Structure and Action," at the 2020 International Conference on Information Systems
- "Governing Digital Transformation: A New Perspective," at the 2020 International Conference on Information Systems
- "Prospective Digital Representing in Design Collaboration in the Digital Age," at the 2019 International Process Symposium
- "Governing Digital Transformation: A New Perspective," at the 2019 International Process Symposium
- "Strategic Swaying: How Startups Grow Digital Platforms," at the 2017 International Conference on Information Systems
- "How Do Designers Assemble Representational Practices to Generate Radical Digital Innovations?", at the 2016 International Conference on Information Systems
- "Affordance-Based Conceptualization of Adaptive Use of Enterprise Systems," at the 2016 European Conference on Information Systems

ACADEMIC SERVICE (REVIEWED 16 PAPERS/YEAR SINCE 2017)

Review for Journal
MIS Quarterly [ABDC-A*; FT50]
Information Systems Research [ABDC-A*; FT50]
Journal of Management Information Systems [ABDC-A*; FT50]
Journal of Product Innovation Management [ABDC-A*]
Journal of the Association for Information Systems [ABDC-A*]

European Journal of Information Systems [ABDC-A*]
Journal of Strategic Information Systems [ABDC-A*]
Information Systems Journal [ABDC-A*]
Information & Management [ABDC-A*]
Information Technology & People [ABDC-A]
IEEE Transactions on Engineering Management [ABDC-A]
Information Systems Frontiers [ABDC-A]

Review for Conference
International Conference on Information Systems (ICIS)
European Conference on Information Systems (ECIS)
Hawaii International Conference on System Sciences (HICSS)
Americas Conference on Information Systems (AMCIS)
Pacific Asia Conference on Information Systems (PACIS)

Editorial Role
Associate Editor, Digital Innovation, Entrepreneurship, and New Business Models Track, ICIS 2023
Associate Editor, Digital Innovation, Entrepreneurship, and New Business Models Track, PACIS 2023
Associate Editor, General IS Topics Track, ICIS 2022
Mini-Track Chair, Digital Transformation Track, AMCIS 2022
Associate Editor, Philosophy and Research Methods Track, PACIS 2022
Associate Editor, General Track, ECIS 2022
Associate Editor, IoT, and the Smart Connected World Track, ICIS 2020

Special Issue Facilitator
Facilitated Andrew Burton-Jones in the coordination of MIS Quarterly Special Issue on "Next Generation IS Theories."

ADMINISTRATIVE SERVICE

Library Committee   **2023**
Board member
Smith School of Business, Queen's University

The 2021 BIS Conference   **2021**
Convener.
Business Information Systems Discipline, UQ Business School

The development of a practitioner Master program on digital health   **2021**
Facilitated the search for learning materials.
Business Information Systems Discipline, UQ Business School

The Australian Computer Society Accreditation of Professional ICT Education Programs   **2020**
Assisted the preparation of accreditation materials.
Business Information Systems Discipline, UQ Business School

ACADEMIC AWARD

Teaching
The 2023 Smith School of Business Teaching Excellence Award for Graduate Students

Research
The 2020 ICIS Best Short Paper in Conference
The 2020 ICIS Best Short Paper in Track
The 2016 ECIS Best Paper Runner-Up

Service
The 2022 ICIS Best Associate Editor for Track
The 2022 ECIS Outstanding Contribution as Associate Editor
The 2022 PACIS Best Reviewer Award Nominee

RESEARCH GRANT

SSHRC Institutional Grant   **2023**
Amount: 7,000 CAD
Social Sciences and Humanities Research Council of Canada

Queen's University Undergraduate Student Summer Research Fellowship (USSRF)   **2023**
Amount: 7,120 CAD
Social Sciences and Humanities Research Council, Canada

Research Initiation Grant   **2022**
Amount: 60,000 CAD
Smith School of Business, Queen's University

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Library Committee   **2023**
Board member
Smith School of Business, Queen's University

The 2021 BIS Conference   **2021**

Convener.
Business Information Systems Discipline, UQ Business School

The development of a practitioner Master program on digital health   **2021**
Facilitated the search for learning materials.
Business Information Systems Discipline, UQ Business School

The Australian Computer Society Accreditation of Professional ICT Education Programs   **2020**
Assisted in the preparation of accreditation materials.
Business Information Systems Discipline, UQ Business School

OTHER ACTIVITY

The 2019 Qualitative Paper Development Workshop
Mentor: Professor Julia Kotlarsky
University of Auckland, New Zealand

The ICIS 2016 Doctoral Consortium
Mentors: Professor Virpi Tuunainen, Professor Bill Kettinger
The 2016 International Conference on Information Systems, Ireland

LANGUAGE
ENGLISH, JAPANESE, MANDARIN