

PIN GAO

Hong Kong University of Science and Technology, Clear Water Bay, Sai Kung, Hong Kong, China

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EDUCATION

Hong Kong University of Science and Technology (HKUST), Hong Kong, China

Ph.D., Industrial Engineering & Decision Analytics *2017 - 2021 (Expected)*

M.Phil., Theoretical Physics *2013 - 2015*

Peking University, Beijing, China

Visiting Student, Physics *2014 - 2015*

Wuhan University, Wuhan, China

B.Sc., Physics *2009 - 2013*

RESEARCH INTERESTS

Revenue Management and Pricing Analytics, Mechanism Design, Search Models.

PAPERS UNDER REVIEW

[1] Gao, Pin, Yuhang Ma, Ningyuan Chen, Guillermo Gallego, Anran Li, Paat Rusmevichientong and Huseyin Topaloglu, “A Sequential Recommendation and Selection Model”, under Major revision at *Operations Research*. [Link]

[2] Chen, Ningyuan, Pin Gao and Steven Kou, “Does the Prohibition of Trade-Through Hurt Liquidity Demanders?”, under Major revision at *Operations Research*.

[3] Chen, Ningyuan, Guillermo Gallego, Pin Gao and Steven Kou, “Dealership or Marketplace: A Dynamic Comparison”, under review at *Management Science*. [Link]

[4] Gao, Pin, Xiaoshuai Fan, Sunny Huang and Ying-Ju Chen, “Resource Allocation Among Competing Innovators”, under review at *Management Science*.

WORKING PAPERS

[5] Gao, Pin, Kanglin Chen and Ying-Ju Chen, “Dynamic Project Selection”, in preparation for submission.

[6] Chen, Ningyuan, Pin Gao and Yang Li, “Personalized Product Recommendation in Presence of Privacy Constraint”, working in progress.

[7] Gao, Pin, Yang Li, and Ying-Ju Chen, “Auction of Recommendation Sequence with Information Control”, working in progress.

OTHER PUBLICATIONS

[8] Gao, Pin, Yingping He and Xiongjun Liu, “Symmetry-Protected Non-Abelian Braiding of Majorana Kramers’ Pairs”, *Phys. Rev. B* *94*, 224509 (2016).

TEACHING EXPERIENCE

Teaching Assistant: Responsible for tutorials and marking

System Simulation, IEDA4130, HKUST	<i>Spring 2020</i>
Engineering Statistics, IEDA5270, HKUST	<i>Fall 2019</i>
Financial Engineering and Risk Management, EEMT5530, HKUST	<i>Spring 2019</i>
Engineering Statistics, IEDA5270, HKUST	<i>Fall 2018</i>
Queueing Theory, IEDA6100G, HKUST	<i>Fall 2018</i>
Quantitative Methods in Financial Engineering, IELM4331, HKUST	<i>Spring 2018</i>

INVITED TALKS

A Sequential Recommendation and Selection Model

INFORMS 2020 Annual Meeting, USA	<i>2020</i>
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Dealership or Marketplace: A Dynamic Comparison

POMS-HK International Conference, Hong Kong	<i>2019</i>
MSOM Conference, Singapore	<i>2019</i>

HONORS AND AWARDS

Leader, National College Students' Innovative Experiment, Wuhan Univeristy, China	<i>2012 - 2013</i>
National Inspirational Scholarship, Wuhan Univeristy, China	<i>2012</i>
The First Prize Winner, Provincial Chemistry Olympiads, Henan, China	<i>2008</i>

INDUSTRY EXPERIENCE

Operations Consultant, Yiqixing (Transportation), Zhengzhou, China	<i>2019 - Present</i>
Quant and Product Associate, BitPower (FinTech), Shenzhen, China	<i>2016 - 2017</i>
Data and Business Analyst, UqiAuto (Supply Chain Management), Beijing, China	<i>2015 - 2016</i>

REFERENCES

Guillermo Gallego (Advisor)

Head / Chair Professor / Crown Worldwide Professor of Engineering
Department of Industrial Engineering and Decision Analytics, HKUST

Ningyuan Chen (Co-Advisor)

Assistant Professor
Department of Management, University of Toronto Mississauga
Rotman School of Management, University of Toronto

Ying-Ju Chen

Professor
Department of Information Systems, Business Statistics and Operations Management , HKUST
Department of Industrial Engineering and Decision Analytics, HKUST