

Ruiqin Wang

CONTACT INFORMATION	Institute of Operations Research and Analytics National University of Singapore 3 Research Link, 117602, Singapore	☎ +65 9157 8785 ✉ ruiqin-wang@u.nus.edu
EDUCATION	National University of Singapore PhD Candidate in Operations Research Advisors: Melvyn Sim and Zhenyu Hu	Aug. 2018 – Jun. 2023 (expected)
	University of Science and Technology of China (USTC) B.S. in Information and Computational Science, School of Mathematical Sciences Thesis: <i>Bed Allocation: Modelling and Optimization</i> Advisor: Jingui Xie	Sep. 2014 – Jun. 2018
RESEARCH INTERESTS	Robust and Distributionally Robust Optimization Revenue Management Risk Analytics	
REFEREED CONFERENCES	“Screening with Limited Information: The Minimax Theorem and A Geometric Approach”, with Zhi Chen and Zhenyu Hu. <i>Proceedings of The 17th Conference on Web and Internet Economics (WINE 2021)</i>	
WORKING PAPERS	“Screening with Limited Information: A Dual Perspective and A Geometric Approach”, with Zhi Chen and Zhenyu Hu. Under major revision in Operations Research [link]	
WORK-IN-PROGRESS	“Range-Value-at-Risk under Distributional Ambiguity: Tight Bounds with Support Information”, with Zhi Chen, Zhenyu Hu and Guangwu Liu	
RESEARCH GRANT & INDUSTRY COLLABORATION	Co-Principal Investigator <ul style="list-style-type: none">Robust Mechanism Design with Limited Information. Hong Kong Research Grants Council, General Research Fund, HKD 925,120 Student Researcher <ul style="list-style-type: none">Workforce Planning and Scheduling Optimization. Jurong Port Pte Ltd and Singapore Data Science Consortium (SDSC), SGD 220,000	Sep. 2022 - Aug. 2025 Jan. 2019 - Dec. 2020
PRESENTATION	Screening with Limited Information: A Dual Perspective and A Geometric Approach <ul style="list-style-type: none">2022 Conference on Mechanism and Institution DesignThe 12th POMS-HK International ConferenceThe 17th Conference on Web and Internet Economics2021 INFORMS Annual Meeting	Jul. 2022 Jan. 2022 Dec. 2021 Oct. 2021
TEACHING EXPERIENCE	Tutor <ul style="list-style-type: none">DAO1704X Decision Analytics Using Spreadsheets(Undergraduate) Teaching Assistant <ul style="list-style-type: none">DBA5103 Operations Research and Analytics (MSBA)IE6505/BDC6306 Stochastic Processes II (PhD)IE6004 Stochastic Processes I (PhD)	Fall 2022 Fall 2020 Spring 2020 Fall 2019

SERVICES & ACTIVITIES Committee member, Analytics for X 2022 Conference, Singapore Sep. 2022
Student volunteer, MSOM 2019 Annual Conference, Singapore Jul. 2019

SKILLS C, Python, MATLAB, Mathematica, Gurobi, RSOME, AutoCAD, Origin, L^AT_EX

REFERENCES **Melvyn Sim (Advisor)** **Zhenyu Hu (Advisor)**
Professor and Provost's Chair Associate Professor and Dean's Chair
NUS Business School NUS Business School
National University of Singapore National University of Singapore
Email: dshead@nus.edu.sg Email: bizhuz@nus.edu.sg

Guangwu Liu
Professor
College of Business
City University of Hong Kong
Email: msgw.liu@cityu.edu.hk