

Rowan Wang 王宇

Southern University of Science and Technology 南方科技大学
Shenzhen, CHINA 中国, 深圳

POSITION

Southern University of Science and Technology

Professor, SUSTech Business School 2024 - Present
Department of Statistics and Data Science (Joint Appointment)
School of Life Sciences (Joint Appointment)

Associate Professor, SUSTech Business School 2021 - 2023

Singapore Management University

Assistant Professor, Lee Kong Chian School of Business 2014 - 2020

EDUCATION

University of Minnesota

Ph.D., Industrial and Systems Engineering 2014

Hong Kong University of Science and Technology

B.Eng., Electronic Engineering 2008

RESEARCH INTEREST

Operational System Analysis and Control

Practice-Based Operational Design and Optimization

Data-Driven Research on Socially Responsible and China-Focused Operations

Business Operations Innovation and Development

HONOR

Research

Third Place, CSAMSE Practice Award Competition 2021
First Place, IIE Pritzker Doctoral Dissertation Award 2015
First Place, INFORMS-ENRE Student Paper Competition 2013
Honorable Mention, POMS-HK Student Paper Competition 2013
三等奖, 浙江省科学技术进步奖 2023
学生优秀论文奖(指导学生), 中国运筹学会行为运筹与管理分会 2021

人才计划

国家级 海外高层次人才引进计划 青年特聘专家 2022
广东省 珠江人才计划 青年拔尖人才 2022
深圳市 鹏城孔雀计划 特聘教授 2021

政策建议

决策咨询专报 国务院办公厅 录用 2021
政策研究报告 浙江省委书记 批示 2024
决策咨询专报 安徽省淮南市政府 录用 2025

双创项目

优胜奖(赛会最高奖项), 春晖杯 中国留学人员创新创业大赛 2020
三等奖(指导学生), 全国医学仿真创新应用大赛 2025
一等奖(指导学生), 中国大学生工业工程与精益管理创新赛 2023 - 2024
广东省铜奖(指导学生), 中国国际大学生创新大赛 2023 - 2024
广东省铜奖(指导学生), 挑战杯 中国大学生创业计划竞赛 2022

SELECTED PUBLICATION

Street Orders as an Outside Option: Incentives and Information Disclosure of Taxi-Hailing Platforms.

Production and Operations Management. Forthcoming.

(with Lina Bao & Baolong Liu & Xuege Wang).

Dynamic Management of Self-Renewable Resources in Production-Inventory Systems.

Production and Operations Management. Forthcoming.

(with Zhenyu Hu & Yi Wang).

Optimal Control of Service Systems with Heterogeneous Servers and Priority Customers.

Management Science. 2025 71(8):6559-6579.

(with David Chen & Ruoran Chen & Xuan Wang).

Please Don't Make Me Wait! Influence of Customers' Waiting Preference and No-Show Behavior on Appointment Systems.

Production and Operations Management. 2023 32(6):1597-1616.

(with Xiaohua Han & Jianghua Zhang & Ruijie Zhang & Yinghao Zhang).

Assign-to-Seat: Dynamic Capacity Control for Selling High-Speed Train Tickets.

Manufacturing & Service Operations Management. 2023 25(3):921-938.

(with Shaoxuan Liu & Zizhuo Wang & Feng Zhu).

Appointment Scheduling under a Service Level Constraint.

Manufacturing & Service Operations Management. 2023 25(1):70-87.

(with Saif Benjaafar & David Chen & Zhenzhen Yan).

Offering Free Upgrades even before Stocks Run out: The Value of Proactive Upgrades.

Manufacturing & Service Operations Management. 2022 24(4):2081-2097.

(with David Chen & Christopher S Tang & Huihui Wang & Yimin Yu).

Divide and Conquer: A Hygienic, Efficient, and Reliable Assembly Line for Housekeeping.

Manufacturing & Service Operations Management. 2022 24(2):938-955.

(with Xiao Alison Chen & Jianghua Zhang).

Impact of Penalty Cost on Customers' Booking Decisions.

Production and Operations Management. 2021 30(6):1603-1614.

(with Daniel Zhuoyu Long & Chi Xie & Jianghua Zhang).

Flexibly Serving a Finite Number of Heterogeneous Jobs in a Tandem System.

Production and Operations Management. 2020 29(6):1431-1447.

(with Yun Fong Lim & Bingnan Lu & Wenjia Zhang).

Managing Production-Inventory Systems with Scarce Resources.

Manufacturing & Service Operations Management. 2017 19(2):216-229.

(with Saif Benjaafar & David Chen).

Service Systems with Finite and Heterogeneous Customer Arrivals.

Manufacturing & Service Operations Management. 2014 16(3):365-380.

(with Saif Benjaafar & Oualid Jouini).

PROFESSIONAL SERVICE

Editorial Position

Senior Editor, Production and Operations Management 2025 - Present
Associate Editor, Decision Sciences 2023 - Present

Conference Speech

大会特邀报告, 中国院前急救领航者信息化研讨会 2025
大会特邀报告, 中国决策科学学术年会 2023
青年学者论坛, 管理科学与工程学会年会 2022
Job & Career Forum, POMS International Conference 2022

Conference Organization

Organizing Committee, POMS-HK Conference 2019 - 2023
Organizing Committee, INFORMS-MSOM Conference 2019
Program Committee, POMS International Conference 2022 - 2024
Track Chair, POMS International Conference 2019 - 2025
Track Chair, INFORMS International Conference 2016
Track Chair, IIE Annual Conference 2015
学术委员会委员, 智能制造系统工程学术会议 2021

Award Judge

Judge Chair, ISCOM Best Paper Competition 2024 - 2025
Judge, POMS International Student Paper Competition 2023 - 2025
Judge, POMS-SCM Student Paper Competition 2022
Judge, POMS-HK Student Paper Competition 2019
Judge, INFORMS-ENRE Student Paper Competition 2015
评委, 中国工业工程与精益管理创新大赛 2020

特邀专家

特邀报告, 某一线城市政府扶持电商出海项目 2024
评审专家, 某一线城市高新区规划项目 2024
评审专家, 某一线城市聘任制公务员招聘项目 2023

社会任职

高级顾问, 深圳市安和城市风险管理研究院 2024

FACULTY SERVICE

Southern University of Science and Technology

Founding Member, ISME Academic Management Committee

Founding Member, ISME Undergraduate Program Committee

Singapore Management University

Founding Member, OM PhD Program Committee

TEACHING EXPERIENCE

Southern University of Science and Technology

Innovative and Entrepreneurial Thinking (Undergraduate)

Singapore Management University

Service Process (Undergraduate)

Game Theory (Undergraduate)

Probability (PhD)