

Zhengchao Wang,

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EDUCATION

Imperial College Business School Ph.D. Candidate in Operations Research (advisors: Wolfram Wisemann and Heikki Peura)	2020–
M.Res. in Operations Research (Distinction)	2019 – 2020
École Polytechnique Fédéral de Lausanne M.S. in Energy Management and Sustainability	2015 – 2017
Harbin Institute of Technology B.Eng. in Civil Engineering	2010 – 2014
Exchange at Hanyang University, South Korea	2012 – 2013

RESEARCH

REFEREED JOURNAL PAPERS:

Randomized Assortment Optimization
with Heikki Peura and Wolfram Wiesemann.
Operations Research, 2024 forthcoming.

WORKING PAPERS:

From Data to Donations: Optimal Fundraising Campaigns for Non-Profit Organizations, with Heikki Peura, Sven Mikolon, and Wolfram Wiesemann

WORKING IN PROGRESS:

Robust Adaptive Sequential Decision Making in a Finite Horizon
with Daniel Kuhn, Heikki Peura, and Wolfram Wiesemann

Regret Minimized Assortment Optimization, with Zhi Chen and Yi-Chun Akchen

OTHER PUBLICATIONS:

Towards Realization of an Energy Internet: Designing Distributed Energy Systems using Game-theoretic Approach
with A.T.Dasun Perera, Vahid Nik , and Jean-Louis Scartezzini.
Applied Energy 2021, 269 114942.

Integrated Platform to Design Robust Energy Internet.
with A.T. Dasun Perera.
Applied Energy 2020, 283 116349.

Understanding Pedestrian Behavior: from Data to Management Strategies
with Michel Bierlaire, Riccardo Scarinci, Merry Nikolic, Yuki Oyama, and Nicolas Molyneaux.
Routledge Handbook of Urban Mobility, June 2020.

REFEREED CONFERENCE PROCEEDING:

Robust Optimization of Power Grid with Distributed Generation and Improved Reliability
with A.T.Dasun Perera.
REM2018: Renewable Energy Integration with Mini/Microgrid. (Invited for journal submission)

Pedestrian Activity Schedule Models: Review and Promises

with Yuki Oyama, Riccardo Scarinci, Michel Bierlaire, Nikolaos Geroliminis.

18th *Swiss Transport Research Conference*.

Integrate Charging Station Optimization for Electric Taxis

with Yuki Oyama, Michel Bierlaire, Nikolaos Geroliminis.

19th *Swiss Transport Research Conference*.

TEACHING

Imperial College Business School

Teaching Assistantship

- Data Structures and Algorithms for Financial Technology, Risk Management and Financial Engineering and Business Analytic programs 2020, 2021, 2022, 2023 Fall
- Optimisation and Decision Models for Business Analytic program 2022, 2023, 2024 Spring
- Business Analytic Electives for Management and MBA suite program 2021, 2022, 2024 Summer

École Polytechnique Fédérale de Lausanne

Teaching Assistantship

- Optimization and Simulation for PhD 2019 Spring
- Introduction à L'optimisation et la Recherche Opérationnelle for Bachelor 2017, 2018 Spring

AWARDS AND HONORS

Next-gen Scholar's Symposium, NUS, Singapore.	2024
Sustainability Endowment, Imperial College & University College London, Sargent Center.	2024
Travel grant, Imperial College & University College London, Sargent Center.	2024
Rising Star Workshop, Stanford University, MS & E Department .	2023
PhD Paper Award–runner up, Imperial College Business School.	2023
President Scholarship, Imperial College London.	2020 – 2024
Graduate Student Fellowship, Imperial College Business School.	2019
Excellent Exchange Student Scholarship, Harbin Institute of Technology.	2013
Outstanding Student Scholarship (Top 5%), Harbin Institute of Technology.	2011, 2012
National Encouragement Scholarship (Top 3%), Harbin Institute of Technology.	2012
Silver Medal, Mathematical Modelling of Northeastern China League.	2011
Silver Medal, Third Mathematics Competition of Chinese College Student (Non-math major).	2011

PRESENTATIONS

“From Data to Donation: Optimal Fundraising Campaign for Non-Profit Organizations”

- MSOM Conference, Minneapolis, MN, 07/2024.
- Imperial College President's PhD Scholar Symposium, London, UK, 05/2024.

“Optimal Campaign for Non-profit Organizations”

- INFORMS Annual Conference, Phoenix, AZ, 10/2023.
- Rising Star Workshop at MS&E Department, Stanford University, CA, 05/2023.

“Randomized Assortment Optimization”

- POMS-HK, Hong Kong, China, 01/2024.
- RMP Section Conference, London, UK, 07/2023.
- MSOM Conference, Montréal, Canada, 06/2023.
- London Operations Research PhD Seminar Series, London, UK, 06/2023.
- INFORMS Annual Conference, Indianapolis, IN, 10/2022.
- Transatlantic Doctoral Conference, London, UK, 05/2022.
- ICBS Operations Research PhD Seminars, London, UK, 05/2022
- The 63-th OR Society's Annual Conference, Virtual, 06/2021

PROFESSIONAL ACTIVITIES

Ad-hoc journal referee for *Operations Research*, *Operations Research Letters*, *Applied Energy*.
Ad-hoc conference referee for *NeurIPS*, *ICML*, *ICLR*.

WORKING EXPERIENCE

Software Engineer, Shanghai Tonghao Civil Engineering Consulting Co., Ltd.	2014 – 2015
Research Assistant, Transport and mobility laboratory, EPFL.	2017 – 2019

LANGUAGES

Mandarin (native), English (fluent), French (beginner), Korean (beginner).