

Zhengchao Wang,

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BACKGROUND

Imperial College Business School Ph.D. Candidate in Operations Research (advisors: Wolfram Wisemann and Heikki Peura)	2019 –
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

RESEARCH

WORKING PAPERS:

Non-parametric Learning of Campaign Strategy for Non-Profit Organizations

Optimization Based Differential Private Reinforcement Learning

REFEREED JOURNAL PAPERS:

Randomized Assortment Optimization

with Heikki Peura and Wolfram Wiesemann.

Operations Research, forthcoming.

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.

Integrated Platform to Design Robust Energy Internet.

with A.T. Dasun Perera.

Applied Energy.

BOOK CHAPTER:

Understanding Pedestrian Behavior: from Data to Management Strategies

with Michel Bierlaire, Riccardo Scarinci, Merry Nikolic, Yuki Oyama, Nicolas Molyneaux.

Routledge Handbook of Urban Mobility.

REFEREED CONFERENCE PAPERS:

Robust Optimization of Power Grid with Distributed Generation and Improved Reliability

with A.T.Dasun Perera.

REM2018: Renewable Energy Integration with Mini/Microgrid.

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 Structure and Algorithm 2020, 2021, 2022, 2023 Fall
- Optimisation and Decision Models 2022, 2023, 2024 Spring

AWARDS AND HONORS

- President Scholarship, Imperial College. 2020-2024
- Graduate Student Fellowship, Imperial College Business School. 2019
- Excellent Exchange Student Scholarship, Harbin Institute of Technology. 2013
- Outstanding Student Scholarship, Harbin Institute of Technology. 2011, 2012
- National Encouragement Scholarship, 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

“The Akward Art of Asking: Optimal Fundraising for Non-profit Organization”

- 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 Annual 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.

PROFESSIONAL ACTIVITIES

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

LANGUAGES

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