

Mingxuan Li

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EDUCATION	Beijing University of Posts and Telecommunications	2023–2027
	Queen Mary University of London	
	Dual Degree, Internet of Things Engineering	
	GPA: 3.38/4.0 IELTS: 6.0, CET-6	
CONFERENCE PAPERS	Accepted	
	<i>C4. Integrative Hybrid Local Search with a Restart Strategy for University Course Timetabling with Student Sectioning</i>	
	Mingxuan Li , Thomas Weise, Sina Abdipoor, Jourdan D’Orville, Say Leng Goh, Razali Yaakob and Salwani Abdullah	
	PATAT’26	
	The 15th Conference on the Practice and Theory of Automated Timetabling	
	<i>C3. SpOC 4 Challenges 1 Beginner: Permutation Encodings and Challenge 3: Simulated Annealing for the Luna Tomato Advertising</i>	
	Mingxuan Li , Thomas Weise, Sina Abdipoor, Zhize Wu	
	GECCO’26	
	Genetic and Evolutionary Computation Conference	
	<i>C2. Solving the SpOC 4 Challenge 2 with a Multi-Step Permutation Encoding for the Keplerian Traveling Salesperson</i>	
	Thomas Weise, Sina Abdipoor, Mingxuan Li , Zhize Wu	
	GECCO’26	
	Genetic and Evolutionary Computation Conference	

Published

C1. *Distance to Feasibility: Performance Assessment of Baseline Metaheuristics on University Course Timetabling with Student Sectioning*

Sina Abdipoor, **Mingxuan Li**, Say Leng Goh, Razali Yaakob, Luo Hao, Salwani Abdullah

IEEE ICSPC'25 (Presenter)

**JOURNAL
PAPERS**

Under Review

J2. *Educational Timetabling: Trends, Obstacles, and Prospects*

Operations Research and Decisions, 2026

J1. *An Integration of Discrete Wavelet Transform and Time-series Recurrent Neural Network to Improve Stock Price Prediction*

Applied Computing and Informatics, 2026

**RESEARCH
PROJECTS**

R2. Space Optimization Competition (SpOC 4) 2026

An official **European Space Agency (ESA)** competition focusing on solving complex optimization problems in space mission planning, operations, and logistics through advanced metaheuristic and AI approaches.

R1. International Timetabling Competition (ITC 2019) 2025–2026

A prestigious international competition focusing on solving complex university course timetabling problems through advanced optimization and metaheuristic algorithms.

AWARDS

A4. BUPT University-Level Scholarship | **Scholarship Award** 2025

A3. 14th Asia-Pacific Mathematical Contest in Modeling | **Second Prize** 2025

A2. National University Intelligence & Computing Competition | **First Prize** 2025

A1. National College Student Innovation & Programming Competition | **Second Prize** 2026

SKILLS

Languages: English (IELTS 6.0), Mandarin (Native)

Technical: Python, C++, Java, PowerBI, $\text{\LaTeX}$, Git, Linux

Operations Research: Metaheuristics, Local Search, Simulated Annealing, Genetic Algorithms, Mathematical Modeling