

## LEE LAI SOON

### Ph.D. (University of Southampton)

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#### EXPERTISE

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Assoc. Prof. Dr. Lee Lai Soon major research areas include applications of metaheuristics approaches specifically on population-based metaheuristics in Combinatorial Optimization problems. His research also covers the areas in fuzzy logic and Data Envelopment Analysis. He has published more than 80 research papers in (local and international) journals and conference proceedings. He has also been appointed as referee for many scientific manuscripts for journals and proceedings. His professional affiliation includes the International Federation of Operational Research Societies (IFORS), Institute for Operations Research and the Management Sciences (INFORMS), The Association of European Operational Research Societies (EURO), The Operational Research Society (The OR Society), and German Society of Operations Research (GOR). He is a life-member of Malaysian Mathematical Sciences Society (PERSAMA) and is currently the Honorary Treasurer of Management Science/Operations Research Society of Malaysia (MSORSRM). Presently, he is the Head of Program in Laboratory of Computational Statistics and Operations Research, Institute for Mathematical Research, UPM.

#### Current Research Interest

- **Population-based Metaheuristics**

Genetic Algorithm, Ant Colony Optimisation, Particle Swarm Optimisation, Differential Evolution

- **Combinatorial Optimisation**

Machine Scheduling, Cutting and Packing, Knapsack, Traveling Salesman, Vehicle Routing, Urban Transit Network Design, Timetabling, Facility Layout, Supply Chain.

- **Data Envelopment Analysis**

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#### LINK TO POSTGRADUATE FIELD OF STUDY:

Applied Mathematics, Computational Operations Research

#### ADDITIONAL INFORMATION: