

Dr Mojtaba Heydar



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Research Fellow

Theme 3

Mojtaba Heydar is an operations research and analytics specialist. His research interests are the theory and applications of integer programming and optimization under uncertainty. His main target is to model real-world optimisation problems and to develop novel algorithms to tackle those problems.

Mojtaba is eager to answer any questions you may have about theory and applications of operations research, and decision making under uncertainty.

Mojtaba is a Research Fellow with Research Theme 3, he is co-supervising Ponpot Jartnillaphand and Kyle Fethers.

Research at Curtin

Publications

- [Approximate dynamic programming for an energy-efficient parallel machine scheduling problem \(...\) —](#)

Journal Article

Dr Mojtaba Heydar

Authors: Dr Mojtaba Heydar, Dr Elham Mardaneh, Proj Ryan Loxton

2022-10-01

- [Branch-and-price for clash-free periodic supply vessel planning problem with split delivery and variable service time \(...\) —](#)

Journal Article

Dr Elham Mardaneh

Authors: Elham Mardaneh, Mojtaba Heydar, Ryan Loxton

2022-09-09

Presentations

- [Plant shutdown planning problems. \(...\) —](#)



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2022-08-12

- [A stochastic model for job assignment problem with random arrivals and processing time \(...\) —](#)



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2021-07-09

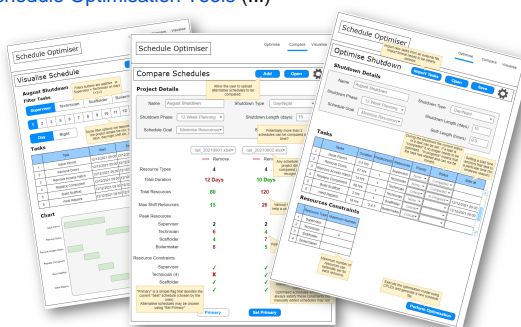
Awards and Prizes

Content by label

There is no content with the specified labels

Tools

- [Schedule Optimisation Tools \(...\)](#) —



2020-01-31

Tools for common schedule optimisation problems

Theme 3 Theme 5