# Dr Elham Mardaneh



## Dr Elham Mardaneh

Chief Investigator

### Theme 3

As a qualified and published subject matter expert in Operations Research, Elham deals with the optimization of complex processes or systems through extensive mathematical and quantitative methods. Elham provides rational bases for business decision making by providing structure to complex situations and use this to predict system behaviour and improve performance.

Elham is a Chief Investigator in the Centre, supervising PhD Student Ponpot Jartnillaphand.  She is also representing Research Theme 3 on the Operating Committee

LinkedIn

## 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

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## Awards and Prizes

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## Tools

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