

Winner of best DTU Operations Management Thesis 2021

For the tenth year in a row, the Supply Chain Leaders Forum was held on 16 September at CBS. The main purpose of the conference, which is organized by Copenhagen Business School, Technical University of Denmark, Synchronic and AAASCM, as well as IDA Operations Management, is to build a bridge between research and business and between education and practice.

In addition to honors to SCM students from CBS for the best academic assignments that bring value to business, and best supply chain leader in Denmark the conference reached its climax with the unveiling of the Best DTU Operations Management Thesis 2021. The award is sponsored by IDA Operations Management and presented by member of the IDA OM Board Peter Brønd, Campus Director at DTU.

The winner of the IDA Operations Management award for 'Best DTU Operations Management Thesis 2021' was a thesis that excel in innovation and risk taking by combining various theories with real life issues in optimizing a challenge most companies experience. More and more. While potentially a bit less value-adding than one other thesis, this author succeeded in creating a very professional piece of work, than may still pose a quite valuable outcome for the case company.

The author combines two meta-heuristics, the Greedy Randomized Adaptive Procedure with the Adaptive Large Neighborhood Search to elevate developed solutions to perfection. As a result, the author is able to calculate in seconds an optimized route for single-warehouse, single-truck distribution in a complex network with differentiated time windows.

Congratulation to the winner **Martine Gautier** for her thesis "Sequence building with narrow time windows in transport planning" having the AMCS Routing as the case company and David Pisinger as supervisor.

After the event the winners were honored further by a reception combined with a wine tasting session.

If you wish to read more about the thesis, the other nominated DTU thesis, or just download the presentations from the event, then follow this link: [Supply Chain Leaders Forum 2021 \(tilmeld.dk\)](https://tilmeld.dk)

