

OPTIMAL Conference

We are very excited to announce the next OPTIMAL meeting on December 19th, 2023 at Amsterdam Business School. Speakers include: Dimitris Bertsimas (MIT) and Andrea Lodi (Cornell). Take a look at the programme.

Event details of OPTIMAL Conference

Date: 19 December 2023

Time: 09:00 -17:30

Location: [Roeterseilandcampus - building M](#)

Room: Hybrid Learning Theatre (HLT) - M3.02

Meeting URL: <https://uva-live.zoom.us/j/84291083329>

Meeting ID: 84291083329

Programme (in CET):

09:00 - 09:30: Doors open and welcome coffee

09:30 - 09:50: Opening - [Dick den Hertog - UvA](#)

09:30 - 12:00: Part 1: OPTIMAL Presentations

09:50 - 10:20: *Embedding outcome models in treatment planning* - [Donato Maragno \(UvA\)](#)

10:20 - 10:50: *Performance analysis of optimization methods for machine learning* - [Hadi Abbaszadehpeivasti \(Tilburg University\)](#)

10:50 - 11:20: *Neur2RO: Neural two-stage robust optimization* - [Esther Julien \(TU Delft\)](#)

11:20 - 11:50: *Learning-augmented algorithms with explicit predictors* [Marek Eliáš \(Bocconi University\)](#)

12:00 - 13:00: Lunch break

13:00 - 15:00: Part 2: Company Presentations

13:00 - 13:40: *Why response matters: Simultaneous Bi-Level Optimization for Network Design Problems* - [Maarten Schadd \(TNO\)](#)

13:40 - 14:20: *Leveraging Deep Learning models to estimate travel time durations for the VRP problem* - Ruggiero Seccia (Ortec)

14:20 - 15:00: *Machine learning for simulated annealing: ideas and results from practice* - Frans de Ruiter (CQM)

15:00 - 15:30: Break and refreshments

15:30 - 17:30: Part 3: Keynote Speakers

15:30 - 16:30: *The R.O.A.D. to precision medicine* - Dimitris Bertsimas (MIT)

16:30 - 17:30: *On the interplay between learning and optimization and its effect on MIP solving* - Andrea Lodi (Cornell)

OPTIMAL Research project

The research project Optimization for and with Machine Learning (OPTIMAL) is an ENW-GROOT research project funded by NWO. It is a collaboration between researchers from Centrum Wiskunde & Informatica (CWI), Delft University of Technology (TU Delft) and the University of Amsterdam (UvA). It started in 2020 and will end in 2025. Research from this project will be shared in various events. For more information about this research project visit the [project site](#) OPTIMAL.uva.nl and the [events calendar](#).