

## Danish Operations Research Society (DORS) General assembly April 3, 2024

### President report, year 2024-2025

Looking back at the past year, the board has noticed a pattern emerging. While the board has many ideas for different kinds of events for all our members, we see little support from the community. Although our events are popular enough, participation in the general assembly, and hence support for the board, is lacking. Until now, we have had a full board, but many of its members have served DORS for many years, and I would not be surprised if some of them would soon like to pass the baton to the next board member. Therefore, I strongly encourage DORS members to take a more active part in this society. You do not need to be a board member to help. You are welcome to offer your help or be the driving force behind some interesting initiatives. Thanks to the work of the board, the society's economy has never been better. Approach the board if you want to organize something for the benefit of the society, and I am sure we will support you in any way we can. Let me now summarize the main work that the society has been doing this year.

### **EURO'24**

By far, the largest event ever organized by DORS has been EURO 2024. After three years of preparation, the result was a huge success. The conference had over 3,000 participants and nearly 2,000 presentations. Participants came mainly from 32 European countries, but we also had 280 guests from Asia, 175 from North America, 26 from Australia and New Zealand, 13 from Africa, and 111 from South America.

The conference featured plenary speakers Pascal Van Hentenryck from UCLA, Charles Corbett from Georgia Tech, and our own Berit Brouer from Maersk. Participants were welcomed by the Tivoli Guards, and we had a nice dinner at Langelinje Pavillon. Everything went smoothly. The conference was very successful and resulted in over 300,000 DKK of revenue for DORS. We are currently in contact with SKAT to find out how this revenue can be used. As previously discussed, we are planning to create some kind of fund for members.

### **Events/meeting**

The yearly DORS Tutorials were held on the 13th of March at the IT-University of Copenhagen. The tutorial was conducted by Richard Oberdieck, a seasoned Analytics Professional and Lead Data Scientist at BankingCircle. He delivered a great tutorial on testing optimization code. The 12 attendees enjoyed the topic, the discussions, and the GitHub-based practical case.

The DORS Company Visit was, unfortunately, cancelled very late by the host, and hence was not held this year. We are sorry about this but hope to make it up to you next year.

Our annual conference Application of Optimization (AOO) was, as usual, held at Industriens Hus in Copenhagen. On the 6th of April, we all enjoyed a great program featuring Assoc.

Prof. Fredrik Odegaard from Ivey Business School who provided insights on intra-provincial benchmark analysis of COVID-19 in Canada. We had an inspiring talk from Prof. Kevin Tierney (Universität Bielefeld) on how combinatorial optimization problems can be solved with deep reinforcement learning. Ella Pirttikangas, Business Analyst, and Filippo Focacci, Co-founder and CEO of Decision Brain, presented how Machine Learning and Mathematical Optimization can be leveraged for maintenance and workforce planning. Senior Simulation Modeling Engineer Rikke Kristiansen described how Shoreline optimizes the maintenance of offshore wind farms. Mathias Hintze and Frederik Lehn from Maersk Mc-Kinney Møller Center for Zero Carbon Shipping showed us how simulation can be used in the challenge of maritime decarbonization. Finally, we had a very interesting talk from Rafael Barfknecht on the prospects of quantum computing in optimization.

### **Members and membership**

DORS has currently 419 active members of which 258 are private members, 135 are student members, 16 are company members, 8 are institute members and 2 are honours member.

### **ORbit**

Joao Fonseca is still the editor of ORBit, and he is doing a great job. This year, we started a new process where articles are received on a continuous basis. The articles are published electronically in small batches, and when enough contributions are received, a printed version is sent to the members. As an incentive for submitting articles to ORBit, I would like to remind you that the payout for articles of more than two pages is 2000 DKK. We will keep this practice as long as the economy of DORS allows it.

### **DORS prize**

The DORS Prize 2024 winner will be announced during the general assembly. This year, Alexandru Serbanescu chaired the evaluation committee, which was composed of Rikke Kristiansen from Shoreline and Evelien van der Hurk from DTU.

In conclusion, I believe that DORS has done well this year!

Yours sincerely

Dario Pacino  
The president of DORS