

Academic track record

Publications

- [1] Peter Verleijdsdonk and Stella Kapodistria. “Computing confidence intervals for cost-effectiveness ratios for renewal reward processes”. In: *preprint* (2021).
- [2] Peter Verleijdsdonk, Stella Kapodistria, and Collin Drent. “Condition-based maintenance with uncertain failure mechanism”. In: *preprint* (2021).
- [3] Peter Verleijdsdonk et al. “Policies for the Dynamic Traveling Maintainer Problem with Alerts”. In: *European Journal of Operations Research* (2021). <https://arxiv.org/abs/2105.15119> (under revision).

Department seminars

1. Policies for the Dynamic Traveling Maintainer Problem with Alerts. Eindhoven University of Technology, 2021
2. Case-based reinforcement learning for dynamic inventory control in a multi-agent supply-chain system. Eindhoven University of Technology, 2021

Posters

1. Condition-based Maintenance with uncertain failure mechanism, Smart Manufacturing & Maintenance, 2019.
2. Learning Maintenance Policies for Asset Networks Under Uncertainty, Commit2Data, 2021.

Teaching Experience

Eindhoven University of Technology:

1. **2019-2020** Advanced Simulations (M.Sc, 2DI66, Role TA)
2. **2020-2021** The Effectiveness of Mathematics (B.Sc, 2WH10, Role Instructor)
3. **2020-2021** Advanced Simulations, Eindhoven University of Technology (M.Sc, 2DI66, Role lecturer)
Evaluation lecturer: 3.4 / 5
Overall course evaluation: 7.4 / 10
4. **2021-2022** Advanced Simulations, Eindhoven University of Technology (M.Sc, 2DI66, Role lecturer)
Evaluation lecturer: tbd / 5
Overall course evaluation: tbd / 10

PhD Courses

Landelijk Netwerk Mathematische Besliskunde (LNMB):

- Stochastic Programming (4EC): *8/10*
- Networks and Semidefinite Programming (4EC): *8/10*
- Algorithmic Methods in Queueing Theory (4EC): *7.6/10*
- Randomized Algorithms (4EC): *8.6/10*
- Cooperative Games with applications to OR (4EC): *7.5/10*