

Parallel Sessions PhD presentations

Monday, January 14, 14.30 – 16.00

Session A (Africa Room)

- 14.30 – 14.55 **Ayse Aslan** (University of Groningen)
Efficient Planning to Personalize Learning
Discussant: Remy Spliet
- 15.00 – 15.25 **Stefan ten Eikelder** (Tilburg University)
Adjustable robust treatment-length optimization in radiation therapy
Discussant: Derja Demirtas
- 15.30 – 15.55 **Martijn Schoot Uiterkamp** (University of Twente)
A framework for convex multi-stage optimization problems with applications in decentralized energy management
Discussant: Dick den Hertog

Session B (Asia 1)

- 14.30 – 14.55 **Jason Rhuggenaath** (Eindhoven University of Technology)
Dynamic pricing and learning with censored demand and limited price changes
Discussant: Marc Uetz
- 15.00 – 15.25 **Xianghui Li** (University of Twente)
Stabilization of the Shapley value for cooperative games
Discussant: Judith Timmer
- 15.30 – 15.55 **Panfei Sun** (University of Twente)
The general compromise value for cooperative games with transferable utility
Discussant: Frank Thuijsman

Session C (Asia 2)

- 14.30 – 14.55 **Dylan Huizing** (CWI)
The Median Routing Problem: routing over non-urgent jobs under optimal emergency response
Discussant: Frits Spieksma
- 15.00 – 15.25 **Vincent Karels** (Eindhoven University of Technology)
An exact algorithm for a stochastic vehicle routing problem
Discussant: Twan Dollevoet
- 15.30 – 15.55 **Albert Schrotenboer** (University of Groningen)
Valid Inequalities and a Branch-and-Cut framework for Asymmetric Multi-Depot Routing Problems
Discussant: Steven Kelk

Tuesday, January 15, 14.15 – 15.45

Session A (Africa Room)

- 14.15 – 14.40 **Youri Raaijmakers** (Eindhoven University of Technology)
Reducing latency via redundancy scheduling
Discussant: Nelly Litvak
- 14.45 – 15.10 **Marjolein Buisman** (Wageningen UR)
Inventory decisions for vertically differentiated products under stock-out-based substitution
Discussant: Ruud Teunter
- 15.15 – 15.40 **Jan Klein** (CWI)
Detecting Network Intrusion Beyond 1999: Applying Machine Learning Techniques to a Partially Labeled Cybersecurity Dataset
Discussant: Stella Kapodistria

Session B (Asia 1)

- 14.15 – 14.40 **Stefan Klootwijk** (University of Twente)
Probabilistic Analysis of Optimization Problems on Generalized Random Shortest Path Metrics
Discussant: Monique Laurent
- 14.45 – 15.10 **Riley Badenbroek** (Tilburg University)
Complexity Analysis of a Sampling-Based Interior Point Method for Convex Optimization
Discussant: Daniel Dadush
- 15.15 – 15.40 **Bernard Zweers** (CWI)
Cluster capacitated multiple knapsack, a journey towards an approximation algorithm
Discussant: Bodo Manthey

Session C (Asia 2)

- 14.15 – 14.40 **Rik Timmerman** (Eindhoven University of Technology)
Dimensioning of the Fixed-Cycle Traffic-Light queue
Discussant: Floske Spieksma
- 14.45 – 15.10 **Rolf van Lieshout** (Erasmus University Rotterdam)
Determining and Evaluating Alternative Line Plans in (Near) Out-of-Control Situations
Discussant: Marjan van den Akker
- 15.15 – 15.40 **Rowan Hoogervorst** (Erasmus University Rotterdam)
An Efficient Heuristic for the Rolling Stock Rescheduling Problem
Discussant: Rene Haijema