

Parallel Sessions PhD presentations

Monday, January 13, 14.30 – 16.00

Session A (Africa Room)

- 14.30 – 14.55 **Mark van den Bergh (Leiden University)**
Synchronized Hackenbush games
Discussant: Frank Thuisman
- 15.00 – 15.25 **Maarten Otten (University of Twente)**
Online routing for bed cleaning at nursing wards: a decomposed MDP approach
Discussant: Wilco van den Heuvel
- 15.30 – 15.55 **Mathijs van Zon (Erasmus University Rotterdam)**
Verifiable Stability in Collaborative Transport
Discussant: Guido Schäfer

Session B (Asia 1)

- 14.30 – 14.55 **Ruben Brokkelkamp (CWI)**
Approximate Pricing in Networks
Discussant: Alexander Skopalik
- 15.00 – 15.25 **Rogier Wuijts (Utrecht University)**
An Improved Algorithm for Single-Unit Commitment with Ramping Limits
Discussant: Johann Hurink
- 15.30 – 15.55 **Victor Reijnders (University of Twente)**
Electricity Pricing Mechanism based on Losses Using Network Topology
Discussant: Marjan van den Akker

Session C (Asia 2)

- 14.30 – 14.55 **Roel Lambers (Eindhoven University of Technology)**
Multi-league scheduling; how to schedule thousands of matches
Discussant: Matthias Walter
- 15.00 – 15.25 **Céline Swennenhuis (Eindhoven University of Technology)**
Parameterized Complexity of Partial Scheduling
Discussant: Marc Uetz
- 15.30 – 15.55 **Nemanja Milovanovic (Erasmus University Rotterdam)**
Stackelberg competition in liner shipping network design
Discussant: Bodo Manthey

Tuesday, January 14, 14.00 – 16.00

Session A (Africa Room)

- 14.00 – 14.25 **Dennis Schol** (Eindhoven University of Technology)
Large fork-join networks with nearly deterministic service times
Discussant: Floske Spieksma
- 14.30 – 14.55 **Youri Raaijmakers** (Eindhoven University of Technology)
Stability of Redundancy Systems with Processor Sharing
Discussant: Werner Scheinhardt
- 15.00 – 15.25 **Lucas van Krefeld** (University of Amsterdam)
Scaling analysis of an extended machine-repair model
Discussant: Stella Kapodistria
- 15.30 – 15.55 **Eline Tsai** (University of Twente)
Assignment of Clinical Chemistry Samples to Analyzers Lines to Reduce Sojourn Times
Discussant: Maria Vlasiou

Session B (Asia 1)

- 14.00 – 14.25 **Jasper Bos** (University of Twente)
The Vehicle Routing Problem with Urgent Stochastic Customers
Discussant: Theresia van Essen
- 14.30 – 14.55 **Mirjam Meijer** (Eindhoven University of Technology)
Supply Chain Coordination with Service-Dependent Contract Termination
Discussant: Remy Spliet
- 15.00 – 15.25 **Melvin Drent** (University of Luxembourg)
Expediting in Two-Echelon Spare Parts Inventory Systems
Discussant: Frits Spieksma
- 15.30 – 15.55 **Weina Ma** (Erasmus University Rotterdam)
Admission control using real-time replenishment information in a make-to-stock system
Discussant: Ad Ridder

Session C (Asia 2)

- 14.00 – 14.25 **Ruben van Beesten** (University of Groningen)
Solving mixed-integer risk-averse stochastic programs using convex approximations
Discussant: Krzysztof Postek
- 14.30 – 14.55 **Alberto Giudici** (Erasmus University Rotterdam)
Reliable cost-efficient flows in stochastic time-varying networks
Discussant: Sindo Núñez-Queija
- 15.00 – 15.25 **Lieke van der Heide** (University of Groningen)
Minimizing traffic delays due to short-term infrastructure maintenance projects
Discussant: Albert Wagelmans
- 15.30 – 15.55 **Sara Ghazanfari** (CWI)
The dynamic user equilibrium models under hypercongestion and travel uncertainties using Vickrey's bottleneck model
Discussant: Twan Dollevoet