

Parallel Sessions PhD presentations

Tuesday January 18, 14.00 – 15.30

Session A (Africa Room)

- 14.00 – 14.30 Kristel Hoen (TU/e)
Effect of carbon emission regulations on transport mode selection in supply chains
Discussant: Rommert Dekker (EUR)
- 14.30 – 15.00 Said Dabia (TU/e)
Branch and Cut and Price for the Time-Dependent Vehicle Routing Problem with Time Windows
Discussant: Cor Hurkens (TU/e)
- 15.00 – 15.30 Duygu Tas (TU/e)
Stochastic Vehicle Routing Problem with Soft Time Windows and Uncertain Travel Times
Discussant: Leen Stougie (VU)

Session B (Room 3)

- 14.00 – 14.30 Ruben Hoeksma (UT)
Price of Anarchy for Utilitarian Scheduling Games with Related Machines
Discussant: Guido Schäfer (CWI)
- 14.30 – 15.00 Mathijn Retel Helmrich (EUR)
The economic lot-sizing problem with an emission constraint
Discussant: Judith Keijsper (TU/e)
- 15.00 – 15.30 Johan M. M. van Rooij (UU)
Fast Dynamic Programming on Graph Decompositions
Discussant: Bodo Manthey (UT)

Session C (Room 4)

- 14.00 – 14.30 Ayse Gonul Karaarslan (TU/e)
Analysis of an Assemble-to-Order System with Different Review Periods
Discussant: Werner Scheinhardt (UT)
- 14.30 – 15.00 Joachim Arts (TU/e)
Efficient Optimization of the Dual-Index Policy Using Markov Chains
Discussant: Ruud Teunter (RUG)
- 15.00 – 15.30 Alwin Haensel (VU)
Revenue Management in the Car Rental Industry: A Stochastic Programming Approach
Discussant: Maarten van der Vlerk (RUG)

Session D (Room 5)

- 14.00 – 14.30 Alex Roubos (VU)
Call Centers with Hyperexponential Patience
Discussant: Richard Boucherie (UT)
- 14.30 – 15.00 Melania Calinescu (VU)
Optimal Allocation of Resources in Adaptive Survey Designs
Discussant: Tjark Vredeveld (UM)
- 15.00 – 15.30 Maria Frolkova (CWI)
Fluid limits for ALOHA-type model with renegeing customers
Discussant: Maurits de Graaf (UT)

Wednesday January 19, 14.00 – 15.30)

Session A (Africa Room)

- 14.00 – 14.30 Evelien van der Hurk (EUR)
The Value of Smart Card Data for Passenger Oriented Disruption Management
 Discussant: Flora Spijksma (UL)
- 14.30 – 15.00 Luuk Veelenturf (EUR)
Passenger Oriented Disruption Management by Adapting Stopping Patterns & Rolling Stock Schedules
 Discussant: Alexander Grigoriev (UM)
- 15.00 – 15.30 Twan Dollevoet (EUR)
Fast Solution Methods for Delay Management with Passenger Re-Routing
 Discussant: Johann Hurink (UT)

Session B (Room 3)

- 14.00 – 14.30 Frank Karsten (TU/e)
Analysis of resource pooling games via a new extension of the Erlang loss function
 Discussant: Nelly Litvak (UT)
- 14.30 – 15.00 Philippe Uyttendaele (UM)
Evolutionary Stability and Changing Fitnesses
 Discussant: Ad Ridder (VU)
- 15.00 – 15.30 Dongshuang Hou (UT)
Convexity and the Shapley value in Bertrand Oligopoly Games with Shubik's demand functions
 Discussant: Frank Thuijsman (UM)

Session C (Room 4)

- 14.00 – 14.30 Theresia van Essen (UT)
Minimizing the Waiting Time for Emergency Surgery
 Discussant: Ger Koole (VU)
- 14.30 – 15.00 Cyriel Rutten (UM)
Tight Performance in Bayesian Scheduling
 Discussant: Rene Sitters (VU)
- 15.00 – 15.30 Lanah Evers (TNO)
Robust UAV Mission Planning
 Discussant: Dick den Hertog (UvT)

Session D (Room 5)

- 14.00 – 14.30 Guus Regts (CWI)
Polyhedra with the integer Carathéodory property
 Discussant: Etienne De Klerk (UvT)
- 14.30 – 15.00 Julia Katharina Sponsel (RUG)
Projection onto the copositive cone
 Discussant: Monique Laurent (CWI)
- 15.00 – 15.30 Anoud den Boer (CWI)
Simultaneously Learning and Optimizing using Controlled Variance
 Discussant: Marc Uetz (UT)