Parallel Sessions PhD presentations

Tuesday, January 14, 14.30 – 16.30

Session A (Africa Room)

14.30 – 15.00 Zhao Sun (Tilburg University)
*An alternative proof of a PTAS for fixed-degree polynomial optimization over the simplex*
Discussant: Tjark Vredeveld

15.00 – 15.30 Shanfei Li (Delft University of Technology)
*Improved approximation algorithm for k-level UFL with penalties, a simplistic view on randomizing the scaling parameter*
Discussant: Andre Berger

15.30 – 16.00 Jasper de Jong (University of Twente)
*The sequential price of anarchy*
Discussant: Guido Schäfer

16.00 – 16.30 Kamiel Cornelissen (UT)
*Smoothed Analysis of the Successive Shortest Path Algorithm*
Discussant: Monique Laurent

Session B (Room 1)

14.30 – 15.00 Laurens Smit (Leiden University)
*On Successive Thinning and Lumping of Markov Chains*
Discussant: Onno Boxma

15.00 – 15.30 Alessandro Zocca (Eindhoven University of Technology)
*Delays due to long hitting and mixing times*
Discussant: Sandjai Bhulai

15.30 – 16.00 Halldora Thorsdottir (CWI)
*A functional central limit theorem for a Markov-modulated infinite-server queue*
Discussant: Sem Borst

16.00 – 16.30 Martijn Onderwater (CWI)
*Value function approximation with Evolutionary Algorithms*
Discussant: Ad Ridder

Session C (Room 2)

14.30 – 15.00 Sihan Ding (CWI)
*Fluid Approximation of a Call Center Model with Redials and Reconnects*
Discussant: Floske Spieksma

15.00 – 15.30 Serban Badila (Eindhoven University of Technology)
*On a bivariate insurance problem with coupled risks*
Discussant: Sindo Núñez Queija

15.30 – 16.00 Dwi Ertiningsih (Leiden University)
*A homogeneous Quasi-Skip-Free processes with level product form stationary distribution*
Discussant: Nico van Dijk

Session D (Room 13)

14.30 – 15.00 Joris Wagenaar (Erasmus University Rotterdam)
*Disruption management in passenger railway transportation*
Discussant: Etienne de Klerk

15.00 – 15.30 Paul Bouman (Erasmus University Rotterdam)
*Passenger Route Choice in Case of Disruptions*
Discussant: Frank Thuijsman

15.30 – 16.00 Judith Mulder (Erasmus University Rotterdam)
*Jointly optimizing sailing speed and buffer times in liner shipping*
Discussant: Ivo Adan

16.00 – 16.30 Cagri Sel (Wageningen University)
*Shelf Life Integrated Production Scheduling and Distribution Planning of Yoghurt Production*
Discussant: Ruud Teunter
Wednesday, January 15, 14.00 – 15.30
Session A (Africa Room)
14.00 – 14.30 Bart Beemsterboer (University of Groningen)
   Planning of combined make-to-order/make-to-stock production
   Discussant: Nelly Litvak
14.30 – 15.00 Marlies de Keizer (Wageningen University)
   Process and Inventory Allocation in a Perishable Product Logistic Network
   Discussant: Jan-Kees van Ommeren
15.00 – 15.30 Chiel van Oosterom (Eindhoven University of Technology)
   Optimal maintenance policies for a safety-critical system and its deteriorating sensor
   Discussant: Arnoud den Boer
Session B (Room 1)
14.00 – 14.30 Minou Olde Keizer (University of Groningen)
   A Condition-Based Maintenance Policy for a Continuously Deteriorating Multi-Unit System with Aperiodic Inspections
   Discussant: Rob van der Mei
14.30 – 15.00 Dirk Sierag (CWI)
   Revenue Management under Customer Choice Behaviour with Cancellations and Overbooking
   Discussant: Rene Bekker
15.00 – 15.30 Petra Vis (VU University Amsterdam)
   Waiting time distributions for polling systems in heavy traffic
   Discussant: Richard Boucherie
Session C (Room 2)
14.00 – 14.30 Martin van Buuren (CWI)
   Simulation of Ambulance Services
   Discussant: Bernd Heidergott
14.30 – 15.00 Caroline Jagtenberg (CWI)
   A polynomial time ambulance redeployment policy
   Discussant: Bodo Manthey
15.00 – 15.30 Pieter van den Berg (Delft University of Technology)
   Time-dependent Ambulance Location Model with Start-up and Relocation Cost
   Discussant: Johann Hurink
Session D (Room 13a)
14.00 – 14.30 Mehmet Soysal (Wageningen University)
   The time-dependent two-echelon capacitated vehicle routing problem with emissions consideration
   Discussant: Steven Kelk
14.30 – 15.00 Hande Cetinay (Eindhoven University of Technology)
   Optimal Compensation for Newsvendor Managers
   Discussant: Maarten van der Vlerk
15.00 – 15.30 Guanlian Xiao (Erasmus University Rotterdam)
   The adaptive operating room schedule with overtime cost: application of knapsack problem
   Discussant: Leo van Iersel