

## 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