Parallel Sessions PhD presentations

Tuesday, January 17 (14.30 – 16.30)

**Session A**
14.30 – 15.00  **Bohan Chen** (CWI)  
*Importance sampling of heavy-tailed iterated random functions*  
Discussant: Ad Ridder
15.00 – 15.30  **Xinwei Bai** (University of Twente)  
*Error bounds for stationary performance of random walks in the quarter plane based on inhomogeneous perturbations*  
Discussant: Sindo Núñez Queija
15.30 – 16.00  **Tom van der Zanden** (Utrecht University)  
*Subgraph Isomorphism in Planar Graphs in Subexponential Time*  
Discussant: Leen Stougie
16.00 – 16.30  **Sander Gribling** (CWI)  
*Matrix factorization and polynomial optimization*  
Discussant: Ward Romeijnders

**Session B**
14.30 – 15.00  **Sajjad Rahimi-Gahroodi** (University of Twente)  
*Integrated Planning of Spare Parts and Service Engineers: a Queueing Model Approach*  
Discussant: Maria Vlasiou
15.00 – 15.30  **Murtuza Ali Abidini** (Eindhoven University of Technology)  
*Polling systems with retrials and reservation periods*  
Discussant: Werner Scheinhardt
15.30 – 16.00  **Angelos Aveklouris** (Eindhoven University of Technology)  
*A diffusion approximation in a two-Layered Network*  
Discussant: Richard Boucherie
16.00 – 16.30  **Mariska Heemskerk** (University of Amsterdam)  
*Queueing systems in a random environment: asymptotic analysis and MOL staffing*  
Discussant: Jan-Kees van Ommeren

**Session C**
14.30 – 15.00  **Pieter Kleer** (CWI)  
*The impact of worst-case deviations in non-atomic network routing games*  
Discussant: Bodo Manthey
15.00 – 15.30  **Veerle Timmermans** (Maastricht University)  
*Equilibrium Computation in Atomic Splittable Singleton Congestion Games*  
Discussant: Guido Schäfer
15.30 – 16.00  **Loe Schlicher** (Eindhoven University of Technology)  
*Maximal Covering Location Games*  
Discussant: Judith Timmer
16.00 – 16.30  **Corine Laan** (University of Twente)  
*Approximate performance analysis of generalized join the shortest queue routing*  
Discussant: Frank Thuijsman

**Session D**
14.30 – 15.00  **Aleksander Banasik** (Wagenigen University)  
*Eco-efficient mushroom production: dealing with uncertain model parameters*  
Discussant: Cor Hurkens
15.00 – 15.30  **Dennis Prak** (University of Groningen)  
*A general method for addressing estimation uncertainty in inventory models*  
Discussant: Arnoud den Boer
15.30 – 16.00  **Joost van Sambeeck** (University of Twente)
*Deriving an optimal strategy for donor blood group typing*
Discussant: Dennis Huisman

16.00 – 16.30  **Thomas R. Visser** (Erasmus University Rotterdam)
*A Rich Vehicle Routing Framework for Dynamic Time Slot Management in attended home delivery*
Discussant: Rene Haijema

**Wednesday, January 18 (14.15 – 15.45)**

**Session A**
14.15 – 14.45  **Denise Tönissen** (Eindhoven University of Technology)
*Robust Maintenance Location Routing for Rolling Stock*
Discussant: Marjan van den Akker

14.45 – 15.15  **Roel van den Broek** (Utrecht University)
*Train Shunting and Service Scheduling: an integrated local search approach*
Discussant: Remy Spliet

15.15 – 15.45  **Abhishek Abhishek** (Eindhoven University of Technology)
*Congestion analysis of unsignalized intersections: The impact of impatience and Markov platooning*
Discussant: Ahmed Al Hanbali

**Session B**
14.15 – 14.45  **Fiona Sloothaak** (Eindhoven University of Technology)
*Power-law behavior in cascading failure models*
Discussant: Sandjai Bhulai

14.45 – 15.15  **Tommaso Nesti** (CWI)
*Reliability of energy networks under uncertainty*
Discussant: Onno Boxma

15.15 – 15.45  **Marijn ten Thij** (VU University of Amsterdam)
*Modelling trend progression in online networks*
Discussant: Marko Boon

**Session**
14.15 – 14.45  **Irving van Heuven van Staereling** (CWI)
*Length-bounded path covering algorithms for transportation problems*
Discussant: Marc Uetz

14.45 – 15.15  **Annette Ficker** (KU Leuven)
*Transportation Problem with two-sided Conflicts*
Discussant: Tjark Vredeveld

15.15 – 15.45  **Tim Oosterwijk** (Maastricht University)
*Posted Price Mechanisms for a Random Stream of Customers*
Discussant: Rene Sitters

**Session D**
14.15 – 14.45  **Joni Driessen** (Eindhoven University of Technology)
*Optimal Commonality and Reliability - An After-Sales Services Perspective*
Discussant: Wlico van den Heuvel

14.45 – 15.15  **Rutger Kerkkamp** (Erasmus University Rotterdam)
*Robust Pooling for Contracting Models with Asymmetric Information*
Discussant: Andre Berger

15.15 – 15.45  **Ruben van de Geer** (University of Amsterdam)
*Numerical Methods for Approximate Optimal Pricing under Latent Class Logit Customer Choice*
Discussant: Floske Spieksma