

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-Ghahroodi** (University of Twente)
Integrated Planning of Spare Parts and Service Engineers; a Queueing Model Approach
Discussant: Maria Vlasidou
- 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 Heemskerck** (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** (Wageningen 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 Sambeek** (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 Kerckamp** (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