

Parallel Sessions PhD presentations

Tuesday January 17, 14.15 – 15.45

Session A (Africa Room)

- 14.15 – 14.45 Eleni Vatamidou (TU/e)
Error bounds for spectral approximations of the M/G/1
Discussant: Werner Scheinhardt (UT)
- 14.45 – 15.15 Yanting Chen (UT)
Representation of The Invariant Measure in Geometric Terms for Homogeneous Markov Processes in The Quarter-Plane
Discussant: Maria Vlasiou (TU/e)
- 15.15 – 15.45 Jan-Pieter Dorsman (TU/e)
Queue length approximations for a layered queueing network with correlated queues
Discussant: Bert Zwart (CWI)

Session B (Room 1+2)

- 14.15 – 14.45 Kristiaan Glorie (EUR)
Robust Dynamic Kidney Exchange
Discussant: Nelly Litvak (UT)
- 14.45 – 15.15 Evelien van der Hurk (EUR)
Passengers behavior in Public Transport: Predicting passenger flows combining micro and macro models
Discussant: Marjan van den Akker (UU)
- 15.15 – 15.45 Harm Bossers (UT)
Online Outlier Detection in Testing of Integrated Circuits
Discussant: Andre Berger (UM)

Session C (Room 13)

- 14.15 – 14.45 Antonios Varvitsiotis (CWI)
The Gram dimension of a graph
Discussant: Bernd Heidergott (VU)
- 14.45 – 15.15 Hans Ensink (UM)
A new combinatorial algorithm for determining the tree-width of a graph
Discussant: Bodo Manthey (UT)
- 15.15 – 15.45 Birol Yuceoglu (UM)
A Branch-and-Cut Algorithm for Minimum Triangulation of Graphs
Discussant: Frank Vallentin (TUD)

Session D (Room 13a)

- 14.15 – 14.45 Harmen Bouma (RUG)
Inventory Pooling and Routing Problems
Discussant: Jan-Kees van Ommeren (UT)
- 14.45 – 15.15 Agata Banaszewska (WUR)
A comprehensive dairy valorization model
Discussant: Ger Koole (VU)
- 15.15 – 15.45 Warren Volk-Makarewicz (VU)
An Intuitive Sensitivity Estimator for the Quantile Function
Discussant: Sem Borst (TU/e)

Wednesday January 18, 14.15 – 15.45

Session A (Africa Room)

- 14.15 – 14.45 Maria Frolkova (CWI)
Fixed-point approximations of bandwidth-sharing networks with rate constraints
Discussant: Onno Boxma (TU/e)
- 14.45 – 15.15 Joost Bosman (CWI)
Extreme value theory in a tandem of fluid queues
Discussant: Richard Boucherie (UT)
- 15.15 – 15.45 Remco Bierbooms (TU/e)
Performance Analysis of Production Lines with Fluid Flows and Finite Buffers
Discussant: Sindo Núñez Queija (UvA/CWI)

Session B (Room 1+2)

- 14.15 – 14.45 Faizan Ahmed (UT)
On Connections between Copositive Programming and Semi-infinite Programming
Discussant: Sandjai Bhulai (VU)
- 14.45 – 15.15 Ihsan Yanikoglu (UvT)
Safe Approximations of Chance Constraints Using Historical Data
Discussant: Renata Sotirov (UvT)
- 15.15 – 15.45 Frederik van Heymann (TUD)
Integer programs and non-fulldimensional lattices
Discussant: Monique Laurent (CWI)

Session C (Room 13)

- 14.15 – 14.45 Bart de Keijzer (CWI)
The Robust Price of Anarchy of Altruistic Games
Discussant: Marc Uetz (UT)
- 14.45 – 15.15 Suzanne van der Ster (VU)
Mixed-criticality scheduling of implicit-deadline task systems
Discussant: Tjark Vredeveld (UM)
- 15.15 – 15.45 Lanah Evers (TNO)
Two Stage UAV Mission Planning
Discussant: Maarten van der Vlerk (RUG)

Session D (Room 13a)

- 14.15 – 14.45 Remy Spliet (EUR)
The Time Window Assignment Vehicle Routing Problem
Discussant: Ruud Teunter (RUG)
- 14.45 – 15.15 Derya Sever (TU/e)
Dynamic Shortest Path Problems: Hybrid Routing Policies considering Network Disruptions
Discussant: Flora Spieksma (UL)
- 15.15 – 15.45 Serra Caner (RUG)
Cooperation in Remanufacturing
Discussant: Guido Schäfer (VU,CWI)