

Parallel Sessions PhD presentations

Tuesday, January 12, 14.30 – 16.30

Session A (Africa Room)

- 14.30 – 15.00 **David Koops** (University of Amsterdam)
Lévy Tandem Networks in Heavy-Traffic Regimes
Discussant: Bosman
- 15.00 – 15.30 **Thomas Meyfroyt** (Eindhoven University of Technology)
Analysis of Degree-Dependent Counter-Based Gossip Protocols on Treelike Networks
Discussant: Litvak
- 15.30 – 16.00 **Pim van der Hoorn** (University of Twente)
Phase transition for average number of erased edges in directed configuration model
Discussant: Boxma
- 16.00 – 16.30 **Berksan Serbetci** (University of Twente)
On Optimal Geographical Caching in Heterogeneous Cellular Networks
Discussant: Adan

Session B (Room 1)

- 14.30 – 15.00 **Denise Tönissen** (Eindhoven University of Technology)
Maintenance Location Routing for Train Units
Discussant: Berger
- 15.00 – 15.30 **Stijn Fleuren** (Eindhoven University of Technology)
Optimizing pre-time traffic light control and lane-use-arrows at isolated intersections
Discussant: van der Vlerk
- 15.30 – 16.00 **Kevin Dalmeijer** (Erasmus University Rotterdam)
A branch-and-cut algorithm for the Time Window Assignment Vehicle Routing Problem
Discussant: Schaefer
- 16.00 – 16.30 **Marjolein Veenstra** (University of Groningen)
The Pickup and Delivery Traveling Salesman Problem with Handling Costs
Discussant: Stougie

Session C (Room 2)

- 14.30 – 15.00 **Anne Buijsrogge** (University of Twente)
On the state-independent change of measure for the G/G/1 tandem queue
Discussant: Van de Ven
- 15.00 – 15.30 **Asparuh Hristov** (CWI)
Throughput and Bottleneck Analysis of Tandem Queues with Nested Sessions
Discussant: Scheinhardt
- 15.30 – 16.00 **Daphne van Leeuwen** (CWI)
Near-optimal switching strategies for a tandem queue
Discussant: Timmer
- 16.00 – 16.30 **Jori Selen** (Eindhoven University of Technology)
Approximate performance analysis of generalized join the shortest queue routing
Discussant: Nunez Queija

Session D (Room 13)

- 14.30 – 15.00 **Siqiao Li** (VU University Amsterdam)
Different Control Policies of Flexible Capacity Allocation for Multi-type Patients in Radiotherapy Process
Discussant: Al Hanbali
- 15.00 – 15.30 **Ingeborg Bikker** (University of Twente)
Online capacity planning for rehabilitation treatment
Discussant: Bhulai
- 15.30 – 16.00 **Nardo Borgman** (University of Twente)
Appointment scheduling with unscheduled arrivals and reprioritization
Discussant: van Essen
- 16.00 – 16.30 **Gréanne Leeftink** (University of Twente)
Histopathology laboratory operations analysis and improvement
Discussant: Romeijnders

Wednesday, January 13, 14.00 – 16.00

Session A (Africa Room)

- 14.00 – 14.30 **Fabio Cecchi** (Eindhoven University of Technology)
CSMA Networks in a Many-Sources Regime: A Mean-Field Approach
Discussant: Arnoud den Boer
- 14.30 – 15.00 **Peter Kovacs** (University of Amsterdam)
Routing policies for a partially observable two-server queueing system
Discussant: Borst
- 15.00 – 15.30 **Ewan Cahen** (CWI)
Rare event analysis and efficient simulation for a multi-dimensional ruin problem
Discussant: van Ommeren
- 15.30 – 16.00 **Nicos J. Starreveld** (University of Amsterdam)
Occupation times for stochastic processes and applications
Discussant: Boucherie

Session B (Room 1)

- 14.00 – 14.30 **Andrej Winokurow** (Maastricht University)
Location, pricing and the problem of Apollonius
Discussant: Bansal
- 14.30 – 15.00 **Sha Zhu** (Erasmus University Rotterdam)
Using Maintenance Plan in Spare Part Demand Forecasting and Inventory Control
Discussant: Uetz
- 15.00 – 15.30 **Qing Chuan Ye** (Erasmus University Rotterdam)
Fair task allocation in transportation
Discussant: Den Hertog
- 15.30 – 16.00 **Wouter van Heeswijk** (University of Twente)
An Approximate Dynamic Programming Algorithm for the Delivery Dispatching Problem
Discussant: Jargalsaikhan

Session C (Room 2)

- 14.00 – 14.30 **Britt Mathijsen** (Eindhoven University of Technology)
Capacity allocation in a transient queue
Discussant: Dorsman
- 14.30 – 15.00 **Sem van Brummelen** (University of Twente)
Time dependent waiting time computation at Dutch blood collection sites
Discussant: Boon
- 15.00 – 15.30 **Bas Dietzenbacher** (Tilburg University)
Decomposition of Network Communication Games
Discussant: Frank Thuijsman
- 15.30 – 16.00 **Veerle Timmermans** (Maastricht University)
Uniqueness of Equilibria in Atomic Splittable Polymatroid Congestion Games
Discussant: De Klerk

Session D (Room 13)

- 14.00 – 14.30 **Konstantin Vandyshv** (Delft University of Technology)
Phase Shifter Transformer Optimization within Flow Based Market Coupling Methodology
Discussant: Johann Hurink
- 14.30 – 15.00 **Annette Ficker** (KU Leuven)
Balanced Optimization with Vector Costs
Discussant: Dadush
- 15.00 – 15.30 **Matteo Seminaroti** (CWI)
A new simple recognition algorithm for Robinsonian matrices
Discussant: Manthey
- 15.30 – 16.00 **Frans de Ruiter** (Tilburg University)
Duality in Two-stage Adaptive Linear Optimization: Faster Computation and Stronger Bounds
Discussant: Spliet