

Parallel Sessions PhD presentations

Tuesday, January 16, 14.30 – 16.00

Session A (Africa Room)

- 14.30 – 14.55 **Corné de Ruijt** (VU University Amsterdam)
A Time Dependent Job Recommendation System Using Random Survival Forest
Discussant: Stella Kapodistria
- 15.00 – 15.25 **Mayank Saxena** (Eindhoven University of Technology)
A cooperative random access network under JSQ policy
Discussant: Peter van de Ven
- 15.30 – 15.55 **Mihail Bazhba** (CWI)
Sample-path large deviations for Lévy processes and random walks with Weibull increments
Discussant: Floske Spieksma

Session B (Asia 1)

- 14.30 – 14.55 **Angelos Avelklouris** (Eindhoven University of Technology)
A Stochastic Resource-Sharing Network for Electric Vehicle Charging
Discussant: Nelly Litvak
- 15.00 – 15.25 **Tom van der Zanden** (Utrecht University)
Efficiently Computing the Shapley Value of Connectivity Games in Low-Treewidth Graphs
Discussant: Bodo Manthey
- 15.30 – 15.55 **Ernst Roos** (Tilburg University)
A less conservative variant of Robust Optimization
Discussant: Ward Romeijnders

Session C (Asia 2)

- 14.30 – 14.55 **Gert-Jaap Polinder** (Erasmus University Rotterdam)
Robust Periodic Timetabling
Discussant: Dick den Hertog
- 15.00 – 15.25 **Thomas Breugem** (Erasmus University Rotterdam)
Analyzing the Trade-Off between Fairness and Attractiveness in Crew Rostering
Discussant: Ivo Adan
- 15.30 – 15.55 **Madelon de Kemp** (University of Amsterdam)
Performance of the smallest-variance-first rule in appointment sequencing
Discussant: Aleida Braaksma

Session D (Room 13)

- 14.30 – 14.55 **Dmitrii Usanov** (CWI)
Fire Truck Relocation During Major Incidents
Discussant: Ruud Teunter
- 15.00 – 15.25 **Albert Schrottenboer** (University of Groningen)
A branch-and-price-and-cut algorithm for maintenance routing and scheduling at offshore wind farms
Discussant: Rene Sitters
- 15.30 – 15.55 **Bernard Zweers** (CWI)
Optimizing container hinterland transportation: can we make AliExpress even cheaper?
Discussant: Wilco van den Heuvel

Wednesday, January 17 , 14.00 – 16.00

Session A (Africa Room)

- 14.00 – 14.25 **Mark van der Boor** (Eindhoven University of Technology)
Scalable Load Balancing
Discussant: Richard Boucherie
- 14.30 – 14.55 **Anna Oblakova** (University of Twente)
Queueing in traffic networks
Discussant: Ad Ridder
- 15.00 – 15.25 **Jaap Storm** (VU University Amsterdam)
Analysis of a Roundabout Model
Discussant: Marko Boon
- 15.30 – 15.55 **Abhishek** (University of Amsterdam)
Waiting time and heavy-traffic analysis of $M^X/G/1$ type queuing models with dependent service durations
Discussant: Werner Scheinhardt

Session B (Asia 1)

- 14.00 – 14.25 **Thomas Bosman** (VU University of Amsterdam)
Complexity of the Masked VPN Problem - Can We Generalize The VPN Theorem?
Discussant: Frits Spijksma
- 14.30 – 14.55 **Roland Vincze** (Maastricht University)
A Polynomial-Space Algorithm for the Many-Visits Traveling Salesperson Problem
Discussant: Marc Uetz
- 15.00 – 15.25 **Sven Polak** (University of Amsterdam)
Uniqueness of codes using semidefinite programming
Discussant: Monique Laurent
- 15.30 – 15.55 **Bart Litjens** (University of Amsterdam)
Bounds in coding theory using semidefinite programming
Discussant: Leen Stougie

Session C (Asia 2)

- 14.00 – 14.25 **Annelieke Baller** (VU Amsterdam)
Integrating transportation and inventory management in cash supply chains
Discussant: Rene Haijema
- 14.30 – 14.55 **Joost de Kruijff** (Eindhoven University of Technology)
Integer variables in low-volume production planning models
Discussant: Johann Hurink
- 15.00 – 15.25 **Teun Janssen** (Delft University of Technology)
Scheduling in the Photolithography Bay
Discussant: Tjark Vredeveld
- 15.30 – 15.55 **Michiel uit het Broek** (University of Groningen)
Condition-based production planning for systems with production-dependent deterioration
Discussant: Marie Schmidt