

Eurandom

Workshop Centre in the area of Stochastics



Wednesday October 16

09.30 – 09.50	Registration	
09.50 – 10.00	Opening	
10.00 – 11.10	Peter Glynn	
11.10 – 11.30	Break	
11.30 – 12.00	Heletje van Staden	Optimal Maintenance Policies Of Partially Observable Systems With Multi-sensor Observations
12.00 – 12.30	Stella Kapodistria	Data-driven decision making under uncertainty
12.30 – 13.00	Johannes Diefenbach	Data-driven line balancing: bounds and optimization
13.00 – 14.30	Lunch	
14.30 – 15.00	Antonio Castellanos	Silent Abandonment in Contact Centers: Estimating Customer Patience with Uncertain Data
15.00 – 15.30	Siqiao Li	Optimal Contact Center Staffing and Scheduling with Machine Learning
15.30 – 16.00	Break	
16.00 – 17.00	Nathan Kallus	Data-Pooling in Optimization

Thursday October 17

09.30 – 10.40	Mor Armony	Queueing Systems with (MIS)behaving Servers and Customers
10.40 – 11.00	Break	
11.00 – 11.30	Martín Zubeldía	Minimizing delay in distributed service systems with redundancy and random slowdowns
11.30 – 12.00	Fiona Sloothaak	Complete resource pooling of a load balancing policy for a network of battery swapping stations

12.00 – 12.30	Apoorv Saxena	Wireless streaming on VR headsets
12.30 – 13.30	Lunch	
13.30 – 14.40	John Tsitsiklis	Excursions of max-weight dynamics
14.40 – 15.00	Break	
15.00 – 15.30	Arnoud den Boer	Dynamic Pricing with Demand Learning and Reference Effects
15.30 – 16.00	Ran Snitkovsky	Social and Monopoly Optimization in Observable Queues
16.00 – 16.30	Dongyuan Zhan	Harnessing the Double-edged Sword via Routing: Information Provision on Ride-hailing Platforms
17.15 - 21.15	Social Activity + Dinner	

Friday October 18

09.30 – 10.40	Michel Mandjes	Lévy driven queues: the workload correlation function is positive, decreasing and convex
10.40 – 11.00	Break	
11.00 – 11.30	Prateek Jaiswal	Variational Bayesian Methods for Stochastically Constrained System Design Problems
11.30 – 12.00	Jaron Sanders	Clustering in block Markov chains
12.00 – 13.00	Lunch	
13.00 – 13.30	Sarah James	Modelling intensive care units using quasi-birth-and-death processes
13.30 – 14.00	Rik Timmerman	A novel data-driven algorithm for the automated detection of unexpectedly high traffic flow in uncongested traffic states
14.00 – 14.10	Break	
14.10 – 15.20	Ger Koole	Data-driven approaches to service operations management
15.20 – 15.30	Closing	