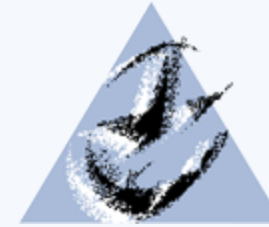


Eurandom

Workshop Centre in the area of Stochastics



Monday June 7

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|---------------|------------------|-----------------------------------------------------------------------------------|
| 14.00 – 14.10 | Opening | |
| 14.10 – 15.10 | Urtzi Ayesta | Recent results on redundancy: product-form distributions and stability conditions |
| 15.10 – 15.25 | Break | |
| 15.25 – 15.50 | Ellen Cardinaels | Heavy-Traffic Universality of Redundancy Systems with Data Locality Constraints |
| 15.50 – 16.15 | Weina Wang | Zero Queueing for Multi-Server Jobs |
| 16.15 – 16.40 | Kristy Gardner | A General "Power-of-d" Dispatching Framework for Heterogeneous Systems |
| 16.40 – 17.00 | Break | |
| 17.00 – 18.00 | R. Srikant | The Lyapunov Drift Analysis for Performance Analysis |

Tuesday June 8

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|---------------|-------------------|------------------------------------------------------------------------------|
| 14.00 – 15.00 | Emina Soljanin | Codes for (Un)expected Loads |
| 15.00 – 15.20 | Break | |
| 15.20 – 15.45 | Josu Doncel | Size-based Routing Policies to Parallel-Server Systems |
| 15.45 – 16.10 | Lucas van Kreveld | When Does the Gittins Policy Have Asymptotically Optimal Response Time Tail? |
| 16.10 – 16.35 | Isaac Grosof | Asymptotically Optimal Multiserver Scheduling: SRPT and Gittins |
| 16.35 – 17.00 | Break | |
| 17.00 – 18.00 | Sasha Stolyar | Two Large-scale Particle Systems with Mean-field Interaction |
| 18.00 – 21.00 | Social Event | |

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Wednesday June 9

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| 14.00 – 15.00 | Devravat Shah | Synthetic Interventions |
| 15.00 – 15.15 | Break | |
| 15.15 – 15.40 | Debankur Mukherjee | A New Approach to Capacity Scaling Augmented With Unreliable Machine Learning Predictions |
| 15.40 – 16.05 | Qiaomin Xie | Data-Driven Stochastic Network Control via Reinforcement Learning |
| 16.05 – 16.30 | Xingyu Zhou | Stein’s Method for Heavy-Traffic Analysis: Load Balancing and Scheduling |
| 16.30 – 16.50 | Break | |
| 16.50 – 17.50 | Siva Theja Maguluri | A Heavy-Traffic Theory of Two-Sided Queues with Applications in Matching Platforms and Online Marketplaces |
| 17.50 – 18.00 | Closing | |

