

Program 4th Networks Training Week January 30 – February 3, 2017

Monday

January 30, 2017

12:00 – 12:30

Arrival

12:30 – 13:30

Lunch

13:30 – 14:30

Research talks, Session 1: Scaling Limits

- Michel Mandjes / Onno Boxma: Stochastic networks and parameter uncertainty
- Mariska Heemskerk / David Koops: Models for overdispersion
- Birgit Sollie: Estimation of input parameters from queueing data

14:30 – 14:40

Short break

14:40 – 15:40

Research talks, Session 2: Load Balancing

- Sem Borst / Johan van Leeuwen: mini-tutorial on load balancing algorithms
- Debankur Mukherjee: Universality of power-of-d load balancing in many-server systems
- Mark van der Boor: Load balancing with multiple dispatchers

15:40 – 16:00

Break

16:00 – 17:00

Open problem session

17:00 – 18:00

Research session: work in small groups

18:30

Dinner

Tuesday

January 31, 2017

07:30 – 09:00

Breakfast

09:00 – 10:15

Mini-course on percolation: Tim Hulshof

10:15 – 10:45

Break

10:45 – 12:00

Mini-course on Structural graph parameters: Bart Jansen

12:00 – 13:30

Lunch

13:30 – 14:50

Research talks, Session 3: Optimization in networks

- Aleksandar Markovic: Dynamic conflict-free colorings
- Sándor Kisfaludi-Bak: Range-assignment for broadcast problems
- Lex Schrijver: Routing in networks
- Viresh Patel: Fast algorithms for approximately evaluating graph polynomials

14:50 – 15:20

Break

15:20 – 18:00

Research session: work in small groups

19:00

Dinner

Wednesday

February 1, 2017

07:30 – 09:00

Breakfast

09:00 – 10:15

Mini-course on percolation: Tim Hulshof

10:15 – 10:45

Break

10:45 – 12:00

Mini-course on Structural graph parameters: Bart Jansen

12:00 – 13:30

Lunch

13:30 – 14:10

Research talks, Session 4: Physics and random graphs

- Andrea Roccaverde: Breaking of ensembles equivalence in complex networks
- Souvik Dhara: Equipping random graphs with geometry through clustering

14:10 – 14:30

Break

14:30 – 17:00

Research session: work in small groups

17:30 – 21:00

Dinner including social activity

Thursday **February 2, 2017**

07:30 – 09:00

Breakfast

09:00 – 10:15

Mini-course on percolation: Tim Hulshof

10:15 – 10:45

Break

10:45 – 12:00

Mini-course on Structural graph parameters: Bart Jansen

12:00 – 13:30

Lunch

13:30 – 14:50

Research talks, Session 5: Networks, games, and more

- Bart Post: Dynamic user association in a multi-server network
- Pieter Kleer: The impact of worst-case deviations in non-atomic network routing games
- Jop Briët: Jenga hypergraphs
- Tom Bannink: The Quantum Pascal Triangle and the Sierpinski carpet

14:50 – 15:20

Break

15:20 – 18:00

Research session: work in small groups

18:30

Dinner

Friday **February 3, 2017**

07:30 – 09:00

Breakfast

09:00 – 10:00

Research talks, Session 6: Spatial Random Networks

- Clara Stegehuis. The hierarchical configuration model
- Lorenzo Federico: Spatial networks
- Viktoria Vadon: A network model for overlapping communities

10:00 – 10:30

Break

10:30 – 12:00

Closing session

12:00 – 13:30

Lunch

Location:

Conferentiecentrum Kaap Doorn

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