

2016 Stochastic Networks Conference
Poster Session Preview Speakers
in Presentation Order

June 20, 2016

1. Aghajani, Reza
Division of Applied Mathematics, Brown University
Mean-Field Dynamics of Load-Balancing Networks with General Service Distributions
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2. Manjrekar Mayank
Department of Mathematics, University of Texas at Austin
Spatial processes with births and deaths - Hard-core regime
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3. Nesti, Tommaso
Stochastics Group, Centrum Wiskunde & Informatica
Reliability of energy networks under uncertainty: a large deviations approach
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4. Costantini, Cristina
Dipartimento di Economia, Universita' di Chieti-Pescara
Well posedness of constrained martingale problems for reflecting diffusions in piecewise smooth domains
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5. Bayati, Mohsen
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Online Decision-Making with High-Dimensional Covariates
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6. Kamphorst, Bart
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Achievable Performance of Blind Policies in Heavy Traffic
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7. Zubeldi, Martin
Laboratory for Information and Decision Systems, Department of Electrical Engineering and Computer Science, Massachusetts Institute of Technology
Delay, memory and messaging tradeoffs in distributed service systems
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8. Aksoy, Sinan
Mathematics Department, University of California San Diego
Extreme values of the stationary distribution of random walks on directed graphs
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9. Wang, Alex
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Selfish routing in a network of parallel queues
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10. Wang, Cheng-Heng
Department of Electrical and Computer Engineering, University of California, San Diego
Adaptive Policies for Scheduling with Reconfiguration Delay: An End-to-End Solution for All-Optical Data Centers *hw009@eng.ucsd.edu*
11. Cecchi, Fabio
Eindhoven University of Technology
Mean-Field Analysis of large-scale random medium access algorithms
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12. Palowitch, John
Statistics and Operations Research, University of North Carolina at Chapel Hill
The Continuous Configuration Model: A Null for Community Detection on Weighted Networks
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13. Zocca, Alessandro
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Minimizing heat dissipation in DC networks using batteries
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14. Rhee, Chang-Han
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Sensitivity analysis for Markov chains
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15. Rahimian, Mohammad
Electrical and Systems Engineering, University of Pennsylvania
Moment-Based Spectral Analysis of Random Graphs with Given Expected Degrees
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16. Barrera, Javiera
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Calibration of a dependent failure model and the topological optimization of reliable network
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17. Mukherjee, Debankur
Department of Mathematics and Computer Science, Eindhoven University of Technology
Universality of Power-of-d Load Balancing in Many-Server Systems
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18. Friedlander, Eric
Department of Statistics and Operations Research, University of North Carolina at Chapel Hill
Diffusion Approximations for Controlled Weakly Interacting Systems
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19. Agarwal, Pooja
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Equilibria of randomized load balancing algorithms with general service distributions
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20. Pender, Jamol
School of Operations Research and Information Engineering, Cornell University
Strong Approximations for Time Varying Queues with Non-Renewal Arrival and Service Processes
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21. Saha, Subhamay
Department of Electrical Engineering, Technion - Israel Institute of Technology
Optimality of the Generalized cRule in the Moderate Deviation Regime
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22. O'Reilly, Elizabeth
Department of Mathematics, University of Texas at Austin
Optimization of DNA sequencing using Stochastic Geometry
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23. Khezeli, Ali
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Stable Transport Between Stationary Random Measures
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24. Reiman, Martin
Industrial Engineering and Operations Research, Columbia University
A Stochastic Programming Based Approach to Control of Assemble-to-Order Inventory Systems
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25. Uribe, Cesar
Coordinated Science Laboratory, University of Illinois at Urbana-Champaign
Convergence Rates in Distributed Learning: Acceleration, Network Independence and Uniform Social Sampling
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26. Yu, Yao
Edward P. Fitts Department of Industrial and Systems Engineering, North Carolina State University
Optimal Routing to Remote Queues *yyu15@ncsu.edu*
27. Ferragut, Andrés
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Optimal timer-based caching policies under general heavy-tailed request processes
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28. Patch, Brendan
The University of Queensland/University of Amsterdam
Detecting Markov Chain Instability: A Monte Carlo Approach
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29. Feng, Aurora Jiekun
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Steady-state Diffusion Approximations for Discrete-time Queue in Hospital Inpatient Flow Management
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30. Gerencsér Balázs
Probability & Statistics research division, Alfréd Rényi Institute of Mathematics, Hungarian Academy of Sciences
Robust averaging - performance of the push-sum algorithm in the presence of transmission failures
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31. Carmen, Raisa
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A queueing model to analyse the impact of boarding in the emergency department
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32. Lipshutz, David
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Pathwise differentiability of reflected diffusions
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33. Rowat, Peter
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Stochastic network thinking applied to firing patterns of stellate neurons
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34. Hermansson, Niffe
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User equilibria in parallel Processor Sharing queues
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35. Sloothaak, Fiona
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Asymptotic analysis of a cascading failure model
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36. Lyu, Hanbaek
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Synchronization of finite-state pulse-coupled oscillators
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