



Stochastic networks 2018

25 – 29 June 2018

International Centre for Mathematical Sciences, Edinburgh

Tuesday poster session

NAME	POSTER TITLE
POOJA AGARWAL	Unique ergodicity of diffusion limits of many-server queues with reneging
JAVIERA BARRERA MARTINEZ	Sharp bounds for the reliability of a k-out-of-n system under dependent failures using cut-off phenomenon techniques
BENJAMIN BLOEM-REDDY	Distributional limits of preferential attachment graphs with random vertex arrival times
IOANNIS DIMITRIOU	Performance modelling of a two-user interference-limited random access network with collisions
JIALI HUANG	The value of price discrimination in large random networks
DAVID KOOPS	Infinite-server systems with Hawkes input
GAL MENDELSON	Achieving the capacity region in large scale heterogeneous systems with unknown parameters
PASCAL MOYAL	Topics on the stability of stochastic matching models
JAMES T MURPHY III	Point-shifts of point processes on topological groups
WENYI QIN	Many server queueing models with heterogeneous servers and parameter uncertainty with customer contact centre applications
ABISHEK SANKARARAMAN	Interference queueing networks on grids
BEMSIBOM TOH	A new parameterization of the many-sources asymptotic for single-server queues
YUQING ZHANG	Dynamic pricing in insurance



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Thursday poster session

NAME	POSTER TITLE
ANGELOS AVEKLOURIS	Queuing networks for electric vehicle charging
MIHAIL BAZHBA	Sample-path large deviations for Lévy processes and random walks with Weibull increments
ANKAN GANGULY	Asymptotic approximations for Markov processes on large sparse regular trees
MARTIN KNIGHT	Stochastic systems approach to disease control
DAVID LIPSHUTZ	Sensitivity analysis for the stationary distribution of a reflected Brownian motion
TIMOFEI PRASOLOV	On the Cat-and-Mouse Markov chain and around
CHANG-HAN RHEE	Heavy-tailed rare event analysis for stochastic networks
JARON SANDERS	Optimal clustering algorithms in Block Markov Chains
NIKKI SONENBERG	Networks of interacting stochastic fluid models with finite buffers
MARTIN YARROW	Preferential attachment with fitness based choice
ALESSANDRO ZOCCA	Failure localization in power systems via tree partitions
MARTIN ZUBELDIA	Minimizing delay using replication in distributed service systems