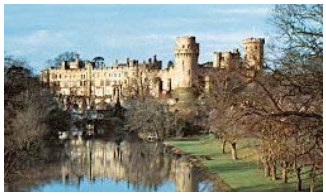
3rd Workshop on Flexible Network Design

FINAL PROGRAM

Sunday (July 13)	Monday (July 14)	Tuesday (July 15)	Wednesday (July 16)
9:30 – 10:00 Registration			
10:00 – 10:10 [Room MS.01] Opening			
10:10 – 10:45 Seffi Naor (Technion) Partitioning Graphs into Balanced Components	10:15 – 10:50 [Room MS.01] Mohit Singh (Microsoft) Iterative Methods in Combinatorial Optimization	10:15 – 10:50 [Room MS.01] Ayalvadi Ganesh (Bristol) Controlling Epidemic Spread on Networks	10:15 – 10:50 [Room MS.01] Yuval Rabani (Technion) Approximation Algorithms for Graph Homomorphism Problems
10:45 – 11:20 Matthias Englert (Aachen) The Power of Reordering for Online Minimum Makespan Scheduling	10:50 – 11:25 Nikhil Bansal (IBM) Degree Bounded Network Design	10:50 – 11:25 Tim Griffin (Cambridge) The Metarouting Project	10:50 – 11:25 Lap Chi Lau (Hong Kong) Degree Bounded Network Design with Metric Costs
11:20 – 11:50 Coffee break	11:25 – 11:50 [Room D1.107] Coffee break	11:25 – 11:50 Coffee break	11:25 – 11:50 Coffee break
11:50 – 12:25 [Room MS.01] Matthew Andrews (Bell Labs) Approximately Solving Fixed Packing Problems in Time Linear in the Error	11:50 – 12:25 [Room MS.01] Kunal Talwar (Microsoft) A Geometric Approach to Lower Bounds for Approximate Near-Neighbor Search	11:50 – 12:25 [Room MS.01] Mohammad Hajiaghayi (AT&T) Game Theory and Wireless Network Design: Cell Breathing in Wireless LANs	11:50 – 12:25 [Room MS.01] Shuchi Chawla (Madison) Bertrand Competition in Networks
12:30 – 1:30 **Lunch (Radcliffe House)**	12:30 – 1:30 **Lunch (Radcliffe House)**	12:30 – 1:30 **Lunch (Radcliffe House)**	12:30 – 1:30 **Lunch (Radcliffe House)**
2:20 – 2:55 [Room MS.01] Nigel Walker (BT Labs) Dynamic Bandwidth Assignment in Core Networks	2:20 – 2:55 [Room B3.03] Chaitanya Swamy (Waterloo) Algorithms for Probabilistically-Constrained Models of Risk-Averse Stochastic Optimization with …	1:45 – 6:30 **EXCURSION to Warwick Castle** 	2:15 – 2:50 [Room MS.01] Neil Olver (McGill) The VPN Conjecture is True
2:55 – 3:30 Gordon Wilfong (Bell Labs) A Fractional Model of the Border Gateway Protocol (BGP)	2:55 – 3:30 Amit Kumar (IIT) Stochastic Steiner Tree with Non-uniform Inflation		2:50 – 3:25 Gianpaolo Oriolo (Roma) The VPN Problem with Concave Costs
3:30 – 4:00 Amos Fiat (Tel Aviv) Subjective vs. Objective Reality …	3:30 – 4:05 Piotr Sankowski (Roma) Stochastic Online Steiner Tree		3:25 – 4:00 Harald Räcke (Warwick) Optimal Hierarchical Decompositions for Congestion Minimization in Networks
4:00 – 4:25 Coffee break	4:05 – 4:30 [Room D1.107] Coffee break		4:00 – 4:20 Coffee break
4:25 – 5:00 [Room MS.01] Fabrizio Grandoni (Roma) Budgeted Matching and Budgeted Matroid Intersection via the Gasoline Puzzle	4:30 – 5:05 [Room B3.03] Christian Scheideler (Munich) An O(log n) Dominating Set Protocol for Wireless Ad-Hoc Networks under the Physical Interference Model	7:00 - **DINNER in The Cross** 	4:20 – 4:55 [Room MS.01] Bruce Shepherd (McGill) A Comparison between Dynamic and Oblivious Routing Models for Robust Network Design
5:00 – 5:35 Naveen Garg (IIT) Facility Location with Uniform Capacities	5:05 – 5:40 Thomas Erlebach (Leicester) Domination in Geometric Intersection Graphs		4:55 – 5:30 Damon Wischik (UCL) Short Messages: Algorithm Design and Analysis for Unreliable Networks
5:35 – 6:10 Thomas Rothvoss (EPFL) Approximation Connected Facility Location Problems via Random Facility Sampling and Core Detouring	5:40 – 6:15 Kamal Jain (Microsoft) Atomics Economics		