

	Sunday 11/9/2014	Monday 11/10/2014	Tuesday 11/11/2014	Wednesday 11/12/2014	Thursday 11/13/2014	Friday 11/14/2014
7:30-8:45	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast
9:00-10:00		Introductions	S3: 3 talks	S7: 3 talks	S8: 3 talks	S9: 3 talks
10:00-11:00		Introductions+break	Coffee	Coffee	Coffee	Coffee
11:00-12:00		S1: 3 talks	S4: 3 talks	D2	D3	Closing remarks
12:15-13:15	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch
13:15-14:30				Social event		
14:30-15:30		S2: 4 talks	S5: 4 talks	Social event	T+D4	
15:30-16:00	Coffee	Coffee	Coffee	Social event	Coffee	Coffee
16:00-17:00		T+D1	S6: Joint sessio and discussion	Social event		
17:00-18:00				Social event		
18:00-19:00	Cold dinner...	Dinner	Dinner	Dinner	Dinner	Dinner
afterwards	...with cheese platter	Cheese platter	Cheese platter	Cheese platter	Cheese platter	

T+D1	Buluc	T: Building blocks for graph algorithms in the language of linear algebra
D2	Boman	Combinatorial solvers for graph Laplacians
D3	Pothen	Approximation techniques for large scale graph computations
2T+D4	Bergamini Catalyurek	Approximating betweenness centrality in evolving graphs Fast Graph Centrality Computations
S1	Chair: Pinar	
11:15-11:35	Feo	GEMS: an in-memory, semantic graph database
11:35-11:55	Chakrabarti	Joint Inference of Multiple Label Types in Large Networks
S2	Chair: Manne	
14:30-14:45	Pellegrini	Current challenges for parallel graph partitioning
14:45-15:00	Schulz	Parallel Graph Partitioning for Complex Networks
15:00-15:15	LaSalle	Modularity based graph clustering with multiple threads
15:15-15:30	Staudt	Tools for the Analysis of Large Networks: Algorithms and Software
S3	Chair: Ucar	
9:00-9:20	Boman	2-Dimensional Graph Partitioning for Scalable Matrix Computations on Large Power-Law Graphs
9:20-9:40	Miller	Spectral Anomaly Detection in Very Large Graphs: Models, Noise, and Computational Complexity
9:40-10:00	Pothen	Matching in the Time of Network Science
S4	Chair: Mutzel	
11:00-11:20	Vassilevski	Assigning edge weights in graphs for quantifying vertex closeness
11:20-11:40	Toledo	An Algebraic Perspective on the New Randomized Kaczmarz Solver
11:40-12:00	Osting	Geometric methods for graph partitioning
S5	Chair: Bisseling	
14:30-14:45	Pinar	Streaming graph analysis
14:45-15:00	Safro	Multiscale Methods on Networks
15:00-15:15	Madry	Cuts, Trees, and Electrical Flows
15:15-15:30	Parthasarathy	Practical Graph Sparsification

S6 (Joint) Chair for 14662 talks: U. Meyer

16:00-16:22	Sanders	Parallel multicriteria shortest paths
16:22-16:44	Lumsdaine	Distributed control for scalable parallel algorithms
16:45-17:00	Hassan/Sungpack	Challenges for Popularizing Graph Applications
17:00-17:15	Terrence	Graph Analysis Platforms and Evaluations Thereof
17:15-17:30	Luis/Mark	TBD
17:30	Discussion	What should the joint effort be between theory and general system framework? How to map computation model to underlying systems (e.g. via programming, language)? Industry vs Academia - what are the challenges ?

S7 Chair: Sanders

9:00-9:20	Zweig/de Schryver	A new algorithm for the link assessment of large complex networks
9:20-9:40	Brugger	Beyond the abstract machine model – How looking at real computing systems leads to new algorithmic insights and massive speedups: two case studies
9:40-10:00	Meyer	External-memory graph algorithms

S8 Chair: Miller

9:00-9:20	Veith	Distance oracle for large graphs in external memory
9:20-9:40	Srivastav	Streaming Algorithms for the Longest Path Problem in Genome Assembly
9:40-10:00	Peixoto	Hierarchical Block Structures and High-Resolution Model Selection in Large Networks

S9 Chair: Catalyurek

9:00-9:20	Madduri	PULP: Fast and Simple Complex Network Partitioning
9:20-9:40	Ajwani	Semi-synchronous approach to community finding on multicores
9:40-10:00	Strnadova	Efficient and Accurate Clustering for Large-Scale Genetic Mapping