

Message from the Chairs of the 1st International Workshop on Large Scale Network Analysis (LSNA2012)



Large network data are being produced by various applications in an ever growing rate, from social networks such as Facebook and Twitter, scientific citation networks such as CiteSeerX, to biological networks such as protein interaction networks. Network data analysis is crucial for exploiting the wealth of information encoded in such network data. An effective analysis of this data must take into account complex structure including social, temporal, and spatial dimensions, while an efficient analysis of such data requires scalable techniques. As a result, there has been increasing research in developing novel and scalable solutions for practical network analytics applications.

This workshop provides a forum for researchers to share new ideas and techniques for large scale network analysis. We are pleased to present 9 original research papers in this workshop. These original research papers cover a variety of topics in the realm of large scale network analysis, including graph theories, scalable algorithms, insightful analysis of real datasets, and novel applications of network analysis in different vertical domains.

We are also excited to present two keynote speeches in this workshop. Dr. Sam Shah, from LinkedIn, will deliver the morning keynote address, titled “Large-Scale Graph Mining for Recommendations: Beyond the Social Graph”. The afternoon keynote speech will be delivered by Sivan Yogev, from IBM Research Haifa. He will present IBM’s experience in “Extracting Business Advantage from Social Networks”.

Finally, we would like to express our gratitude to the authors, reviewers, and Program Committee members whose enormous and vital service generated this program.

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