

CS 43118 & CS 53118 ST: Graph and Social Network Analysis
Instructor: Niranjan Rai

Individual Presentation Guidelines

Time limit: 10 minutes

Max. slides limit: 10 slides

Example Topics

1. Applications of social network analysis in behavioural information security research
2. Community Detection in social networks
3. Influence Maximization in Social Networks
4. Outbreak Detection in Social Networks
5. Automated analysis of the US presidential elections using Big Data and Network analysis
6. Graph Pattern Matching in Social Networks

Some papers:

1. Maximizing Welfare in Social Networks under A Utility Driven Influence Diffusion model - <https://dl.acm.org/doi/10.1145/3299869.3319879>
2. The Solution Distribution of Influence Maximization: A High-level Experimental Study on Three Algorithmic Approaches - <https://dl.acm.org/doi/10.1145/3318464.3380564>
3. Influence Maximization Revisited: Efficient Reverse Reachable Set Generation with Bound Tightened
4. Truss-based Community Search over Large Directed Graphs. - <https://dblp.org/db/conf/sigmod/sigmod2020.html>
5. Densely Connected User Community and Location Cluster Search in Location-Based Social Networks.- <https://dl.acm.org/doi/10.1145/3318464.3380603>
6. Global Reinforcement of Social Networks: The Anchored Coreness Problem
7. Target Privacy Preserving for Social Networks
8. Skyline Cohesive Group Queries in Large Road-social Networks

9. Anchored Vertex Exploration for Community Engagement in Social Networks
10. Efficient Team Formation in Social Networks based on Constrained Pattern Graph

Note: You can google the paper title and find the paper, some paper may need KSU VPN to see the full PDF.

For more papers: Go to dblp.org and search “social network” in the search text box for more papers on social networks.

The screenshot shows the dblp.org search results for the query "social network". The page header includes the dblp logo and navigation links. The search bar contains the query "social network". Below the search bar, there are sections for "Venue search results" and "Publication search results". The "Publication search results" section shows 24,738 matches and lists several papers from 2021 and 2020. The "Refine list" section on the right provides options to refine the search by author and venue.

Search dblp
powered by CompleteSearch, courtesy of Hannah Bast, University of Freiburg

> Home

[-] Venue search results

Likely matches

- ACM SIGSPATIAL International Workshop on Advances in Geographic Information Systems (GIS)
also: ACM SIGSPATIAL International Workshop on Location-Based **Social Networks** (LBSN @ GIS)
- ACM International Conference on Multimedia (MM)
- International Conference on Management of Data (SIGMOD)
also: ACM SIGMOD Workshop on Databases and **Social Networks** (DBSocial @ SIGMOD)
- International Conference on Information and Knowledge Management (CIKM)
- Knowledge Discovery and Data Mining (KDD)
also: Advances in **Social Network** Mining and Analysis (SNAKDD @ KDD)

[show all 29 matches](#)

[-] Publication search results

found 24,738 matches

2021

- Ruidong Yan, Yi Li, Deying Li, Weili Wu, Yongcai Wang:
SSDBA: the stretch shrink distance based algorithm for link prediction in social networks.
Frontiers Comput. Sci. 15(1): 151301 (2021)
- Abrar Al-Hasan:
Effects of Social Network Information on Online Language Learning Performance: A Cross-Continental Experiment. Int. J. e Collab. 17(2): 1-16 (2021)
- Yuan Liang, Chunlin Huang, Xiuguo Bao, Ke Xu:
Sequential dynamic event recommendation in event-based social networks: An upper confidence bound approach. Inf. Sci. 542: 1-23 (2021)

2020

- Jan Treur:
Network-Oriented Modeling for Adaptive Networks: Designing Higher-Order Adaptive Biological,

[-] Refine list

refine by author

- Przemyslaw Kazienko (91)
- Philip S. Yu (79)
- Weili Wu (60)
- Jie Tang 0001 (58)
- Piotr Bródka (56)
- Jie Wu 0001 (51)
- Reda Alhajj (50)
- Katarzyna Musiał (50)
- Feng Xia 0001 (50)
- Elena Ferrari (46)
- [38,169 more options](#)

refine by venue

- CoRR (1,641)
- Encyclopedia of Social Network Analysis and Mining, 2nd Ed. (1,581)
- Encyclopedia of Social Network Analysis and Mining (1,032)
- ASONAM (445)