

1. Record Nr.	UNINA9910484538903321
Titolo	Advances in Social Network Mining and Analysis : Second International Workshop, SNAKDD 2008, Las Vegas, NV, USA, August 24-27, 2008. Revised Selected Papers / / edited by C. Lee Giles, Marc Smith, John Yen, Haizheng Zhang
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2010
ISBN	3-642-14929-4
Edizione	[1st ed. 2010.]
Descrizione fisica	1 online resource (XI, 131 p. 47 illus.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 5498
Altri autori (Persone)	GilesC. Lee
Disciplina	005.7
Soggetti	Application software Artificial intelligence Database management Information storage and retrieval systems Data mining Computer networks Computer and Information Systems Applications Artificial Intelligence Database Management Information Storage and Retrieval Data Mining and Knowledge Discovery Computer Communication Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	" ... co-locates with the ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD)"--Pref.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Leveraging Label-Independent Features for Classification in Sparsely Labeled Networks: An Empirical Study -- Community Detection Using a Measure of Global Influence -- Communication Dynamics of Blog Networks -- Finding Spread Blockers in Dynamic Networks -- Social Network Mining with Nonparametric Relational Models -- Using Friendship Ties and Family Circles for Link Prediction -- Information Theoretic Criteria for Community Detection.

Sommario/riassunto

This year's volume of Advances in Social Network Analysis contains the proceedings for the Second International Workshop on Social Network Analysis (SNAKDD 2008). The annual workshop co-locates with the ACM SIGKDD - International Conference on Knowledge Discovery and Data Mining (KDD). The second SNAKDD workshop was held with KDD 2008 and received more than 32 submissions on social network mining and analysis topics. We accepted 11 regular papers and 8 short papers. Seven of the papers are included in this volume. In recent years, social network research has advanced significantly, thanks to the prevalence of the online social websites and instant messaging systems as well as the availability of a variety of large-scale online social network systems. These social network systems are usually characterized by the complex network structures and rich accompanying contextual information. Researchers are increasingly interested in addressing a wide range of challenges residing in these disparate social network systems, including identifying common static topological properties and dynamic properties during the formation and evolution of these social networks, and how contextual information can help in analyzing the pertaining social networks. These issues have important implications on community discovery, anomaly detection, trend prediction and can enhance applications in multiple domains such as information retrieval, recommendation systems, security and so on.
