

Siddharth Suri

CONTACT INFORMATION	Yahoo! Research 111 W. 40th St., 17th Floor New York, NY 10018	cell: 267.226.5666 sidsuri@ymail.com www.sidsuri.com
RESEARCH INTERESTS	Social Networks, Algorithmic Game Theory	
POSITIONS HELD	Yahoo! Research Research Scientist, August 2008 - Present Human and Social Dynamics Group Manager: Duncan Watts Cornell University Postdoctoral Researcher, January 2007 - August 2008 Supervisor: Jon Kleinberg	
EDUCATION	University of Pennsylvania Ph.D. Computer & Information Science, January 2007 Advisor: Michael Kearns Thesis: The Effects of Network Topology on Strategic Behavior Nominated by the Department of C.I.S. for the 2007 ACM Doctoral Dissertation Award Stanford University M.S. Computer Science, June 2000 Specialization: Theoretical Computer Science University of Pennsylvania B.S.E. <i>cum laude</i> , May 1999 Double Major: Computer Science, Mathematics	
JOURNAL PUBLICATIONS	Graph Distances in the Data-Stream Model J. Feigenbaum, S. Kannan, A. McGregor, S. Suri, and J. Zhang SIAM Journal on Computing, 38(5):1709–1727, December 2008 An Experimental Study of the Coloring Problem on Human Subject Networks M. Kearns, S. Suri, and N. Montfort Science, 313(5788):824–827, August 2006 On Graph Problems in a Semi-Streaming Model J. Feigenbaum, S. Kannan, A. McGregor, S. Suri, and J. Zhang Theoretical Computer Science – Special Issue, 348(2–3):207–216, December 2005	
BOOK CHAPTER	Computational Evolutionary Game Theory S. Suri editors: N. Nisan, T. Roughgarden, É. Tardos, and V. Vazirani <i>Algorithmic Game Theory</i> , chapter 29, pages 717–736 Cambridge University Press, 2007	
CONFERENCE PUBLICATIONS	A Model of Computation for MapReduce H. Karloff, S. Suri, and S. Vassilvitskii Symposium on Discrete Algorithms (SODA) 2010 Dynamics in Network Interaction Games M. Hoefer and S. Suri International Symposium on Distributed Computing (DISC) 2009	

Feedback Effects between Similarity and Social Influence in Online Communities

D. Crandall, D. Cosley, D. Huttenlocher, J. Kleinberg, and S. Suri
Knowledge Discovery & Data Mining (KDD) 2008

Strategic Network Formation with Structural Holes

J. Kleinberg, S. Suri, É. Tardos, and T. Wexler
Electronic Commerce (EC) 2008

A Network Formation Game for Bipartite Exchange Economies

E. Even-Dar, M. Kearns, and S. Suri
Symposium on Discrete Algorithms (SODA) 2007

Networks Preserving Evolutionary Equilibria and the Power of Randomization

M. Kearns and S. Suri
Electronic Commerce (EC) 2006

Graph Distances in the Streaming Model: The Value of Space

J. Feigenbaum, S. Kannan, A. McGregor, S. Suri, and J. Zhang
Symposium on Discrete Algorithms (SODA) 2005

Economic Properties of Social Networks

S. Kakade, M. Kearns, L. Ortiz, R. Pemantle, and S. Suri
Neural Information Processing Systems (NIPS) 2004

On Graph Problems in a Semi-Streaming Model

J. Feigenbaum, S. Kannan, A. McGregor, S. Suri, and J. Zhang
International Colloq. on Automata, Languages and Programming (ICALP) 2004

PROGRAM
COMMITTEES

International AAAI Conference on Weblogs and Social Media (ICWSM) 2009
ACM Conference on Electronic Commerce (EC) 2009

TALKS & SEMINARS

A Behavioral Study of Public Goods Over Networks

M.I.T. Sloan School of Management
Social Dynamics Seminar
November 16, 2009

Strategic Network Formation with Structural Holes

University of California, San Diego
Behavioral, Social, and Computer Sciences Seminar Series
December 11, 2008

Measuring the Influence of Neighbors in Social Networks

Schloss Dagstuhl
Computational Social Systems and the Internet
July 3, 2007

An Experimental Study of the Coloring Problem on Human Subject Networks

Hobart and William Smith Colleges
Computer Science Colloquium
April 26, 2007

Siddharth Suri

An Experimental Study of the Coloring Problem on Human Subject Networks

Cornell University
Institute for the Social Sciences Seminar
January 31, 2007

INTERNSHIPS

AT&T Research - Shannon Laboratory

Consultant, Summer 2000
Supervisor: Kiem-Phong Vo

- Created, implemented, and analyzed a data differencing algorithm that encodes differences between 1/10 and 1/2 the size of the current state of the art.
- Studied various methods of adaptive dictionary encoding for data compression and data differencing, especially the Lempel-Ziv and vdelta algorithms.

Microsoft Corporation

Software Developer in Test - Intern, Summer 1999

- Built an event log management tool for Windows 2000.

Microsoft Corporation

Software Developer in Test - Intern, Summer 1998

- Designed and coded a test tool for an implementation of the H.323 audio/video/data teleconferencing protocol for Windows 2000.

Harris Corporation

Software Engineer - Intern, Summer 1997

- Developed and debugged network fault management software, Harris Network Management 3.1.

HONORS & AWARDS

Thesis nominated by the Univ. of Penn. for the 2007 ACM Doctoral Dissertation Award
1st place at the 7th ACM International Student Research Contest, 1999
2nd place at the AT&T Student Research Symposium, 1998

DEPARTMENTAL SERVICE

Graduate Student Representative, 2002 - 2003
Prospective Student Weekend Organizer, 2002 - 2003
T.G.I.F. (Departmental Social) Creator and Organizer, 2001 - 2003

TEACHING EXPERIENCE

C.I.S. 502: Analysis of Algorithms

Teaching Assistant, Spring 2002
University of Pennsylvania

C.S.E. 262: Automata, Computability and Complexity

Teaching Assistant, Fall 2001
University of Pennsylvania

REFERENCES

Michael Kearns

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Duncan Watts

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