## Workshops

Tuesday, 8:	Гuesday, 8:30 – 12:00								
•					F	Evans I	Del Mar	Evans II	
						zing and	Collecting Social	Mixed Methods	
					-	ng Scientific	Network Data	Research Designs for	
						ure with		Ego-centered Social	
					CiteSpa	ce		Networks- Part 1	
							Alexandra Marin		
					Chaome	ei Chen		Bettina Hollstein, Laura Bernardi	
		·	Lunch B	reak					
Tuesday, 1:	00 - 5:00								
Ballroom A/B	Ballroom C/D	Ballroom E	Del Mar	Eva	ns I	Ventana	Marina	Evans II	
Introduction to	Pajek workshop:	ORA	The Analysis of	Dynamic		Network Geni	e: An Introductio	n Mixed Methods	
the Analysis of	Analysis of Large		Longitudinal Social	Network		Online Social	to Analytic and	Research Designs	
Network Data	Networks - Part 1		Network Data	Analysis	(DNA)	Network	Game Theoreti	c for Ego-centered	
via UCINET and			using SIENA - Part	and Auto	Мар	Survey Data	Tools for	Social Networks-	
NetDraw- Part 1			1			Collection	Network	Part 2	
							Modeling		
	Vladimir Batagelj,	Terrill Frantz				William			
Stephen	Andre Mrvar		Tom Snijder,	Jana Dies	ner	Hansen, Eric	Mathew	Bettina Hollstein,	
Borgatti, Martin Everett			Christian Steglich			Reese	Jackson	Laura Bernardi	

Wednesday, 8:30 - 12:00							
Ballroom A/B	Ballroom C/D	Ballroom E	Del Mar	Evans I			
Introduction to the Analysis of Network Data via UCINET and NetDraw- Part 2	Pajek workshop: Analysis of Large Networks - Part 2	ORA	The Analysis of Longitudinal Social Network Data using SIENA - Part 2	Dynamic Network Analysis (DNA) and AutoMap			
Stephen Borgatti, Martin Everett	Vladimir Batagelj, Andre Mrvar	Terrill Frantz	Tom Snijder, Christian Steglich	Jana Diesner			

Wednesday, 8:30 - 12	Wednesday, 8:30 - 12:00 (continued)								
Shell	Ventana	Marina	Evans II	La Jolla					
Using (Excel) .NetMap for	The Practice of Exponential	Social Network Analysis in	Social Network Approaches	Networks for Newbies					
Social Network Analysis	family Random Graph (ERG or	Business	for Behavior Change						
	p*) Modeling								
		Valdis Krebs	Thomas Valente	Barry Wellman					
Marc Smith	Martina Morris, Steven								
	Goodreau, Carter Butts								

## **Schedule At-a-Glance**

Wednesday							
1:30 - 3:30	Public Policy	Collecting Network Data	Complexity	Advertising & Marketing w/ Networks	Social Networks and Health		
3:50 - 5:30	Legislative Networks	Citation Networks	Dynamic Communication Networks	Network Theory: Organizational Networks	Network Theory		
Thursday							•
8:30 - 10:30	Kinship Networks	Visualization	Organizational Networks	Networks on the Job	Social Influence	Methodological and (McKether Hollstei	l Theoretical Issues n Doming.)
10:40 - 12:00	Kinship Network Analysis	Organizational Networks: Brokerage	Networks and Adolescent Smoking	Social Capital & Organizations	Offline/Online Networks	Networks and Crime	
12:00				Board Meet	ing		
1:30 - 3:30	Inter- Organizationa I Knowledge Networks	Networks and Culture	Student Social Networks	Modeling Dynamic Networks	Terrorism and Networks	Sex, Drugs, and Social Networks	Mixed Methods Studies (McKether/Hollste in/Domiguez)
3:50 - 5:30	Inter- Organizationa I Dynamic Networks	Knowledge Networks	Collaboration and Coordination	Generalized Block Models with ERGM	Viszards	Simulation	
5:30		<u> </u>		Keynote: Phillip	Bonacich		-
7:30				Banquet	;		
9:00	Hospitality Suite						
Friday	1						

8:30 - 10:30	Dynamic Networks: Statistical Approaches I	Infectious Disease and Networks	Leadership	Adolescent Friendship Networks	Knowledge and Information Sharing	Qualitative Network Studies (McKether/Hollstein/D omiguez)
10:40 - 12:00	Network Dynamics of Youth	Individual Social Capital	Network Governance	Power and Influence	Interlocking Directorates	Qualitative Approaches II
12:00				l		
1:30 - 3:30	Dynamic Networks: Statistical Approaches II	Status in Networks	Interlocking Directorates II	Friendship Networks	HIV/STD and Networks	Networks and Teams
4:00			Freeman Awa	ard: Carter Butts	·	
5:30			Poster Session & So	oftware Demonstratio	ons	
9:00			Hospitality Suite 9 p	om – Midnight, Pavili	on	
Saturday						
8:30 - 10:30	Academic Networks	Labor Markets	Online Social Networking Sites	Geographic and Social Space	Two-Mode Networks	Entrepreneurial Networks
10:40 -	Networks and	Merging/Changing	Networks,	Virtual Worlds	Methods and	Scientific Networks
12:00	Emotion	Organizations	Economics, & Markets		Statistics I	
12:00			Busine	ss Meeting		
1:30 - 3:30	Networks and Financial Markets	Innovation and Diffusion	On-line Communities	Network Experiments	Methods and Statistics II	Translational Science
4:00		•	Plenary Session: A	Albert-Lásló Barabas	i	•
9:00			Hospitality Suite 9 p	om – Midnight, Pavili	on	
Sunday	<u> </u>					
8:30 - 10:30	Collective Action and Movements	Social Anal Data	, ,	vorks in the Blogospl	nere	

10:40 -	Networks, Collective Action, and	Migration and	Web Mining	Corporate and Public	
12:00	Social Movements	Immigration		Elites	

## **Paper Presentations**

Wed	lnesday, 1:30 - 3:30	)			
	Shell	Ventana	Del Mar	Ballroom A	Ballroom E
	Public Policy (Galaskiewicz)	Collecting Network Data (Hite)	Complexity (Medicamento)	Advertising/Marketing with Networks (Chandler)	Social Networks and Health (Harris)
1:30	Network of groups in judicial politics: using Amicus Curiae brief filing information to reveal informal structure of interaction  Rentaro Iida	Developing TRENDS - The Typology of Relational Embeddedness Network Data Survey Julie Hite, Ingrid Wakkee, Steven J Hite,Richard R Sudweeks	The international trade of olive oil, an analytical proposal Umberto Medicamento	Triads Embedded: Mobilizing Service Systems in the Evolving Advertising and Media Markets  Jennifer Chandler	It takes a network: Organizations working together to promote physical activity policies and programs in Brazil  Jenine Harris, Diana Parra, Ross Brownson, Michael Pratt, Isabela Ribeiro, Mario Bracco
1:50	Dynamic social network analysis on the formation of international environmental regimes Joseph Galaskiewicz, Yoshiki Yamagata, Jue Yang	A Study of Museum Visiting Network Hung-Jen Yang, Jui-Chen Yu, Hsieh-Hua Yang	Social Networking Analysis: Is it Ready-made Knowledge Management? Joyce D. Williams	Word of mouth effect in the network Yufu Kuwashima	A study in partnerships, resources, and services among Urban and Rural Local Public Health Agencies  Kate Beatty, Jenine Harris

	Shell	Ventana	Del Mar	Ballroom A	Ballroom E
2:10	Policy mapping: navigating the policy network  Michael Mayer, David ulek, Elisabeth Pate	Collecting data on combined egocentric networks by taking a snowball sample  Matthias Kowald, Andreas Frei, Kay W. Axhausen, Jeremy Keith Hackney, Sean Doherty, Johannes Illenberger	Modeling Invention and Innovation with Infinite Nature Maksim Tsvetovat	Measuring and enhancing advertising success using SNA on the web  Daniel Oster, Sabrina Steinfels, Johannes Putzke, Kai Fischbach, Peter A. Gloor, Detlef Schoder	Birds of a feather use the same knowledge: An empirical study of physicians' collaborative relations and utilization of evidence-based knowledge  Daniele Mascia, Americo Cicchetti, Maria Piaantini, Gianni ieroni, Andrea Longanesi
2:30	Homophily and diversification within the social service interorganizational networks  Helen Liu	Propitious aggregation: Reducing participant burden in ego-centric network data collection  Derek Lackaff, Jeffrey S. Fritz	Constrained Optimization in Complex Networks Joshua Lospinoso	Tweet, Tweet: Information Diffusion in an Informal Online Network  Jacquelyn Corbett Cyr, Kelly Lyons	Testing the Sacred Canopy: Findings from the General Social Survey Networks Modules  Matthew Brashears
2:50		Application of Confidence Intervals to Text-Based Social Network Construction John Graham, Julie Paynter, Ian McCulloh		Pizza Talk 2: Do Influentials matter? Juergen Pfeffer, Thomas Zorbach	The Interplay of stigma and social movements in the formation of rural HIV/AIDS information networks  Tiffany Veinot
			Coffee Break 3:10-3:30		

Wed	dnesday, 3:30 – 5:10	0			
	Shell	Ventana	Del Mar	Ballroom A	Ballroom E
	Legislative Networks	Citation Networks	Dynamic	Network Theory:	Network Theory (Margolin)

	(Barnett)	(Mergel)	Communication Networks (Stadtfeld)	Organizational Networks (Bergenholtz)	
3:30	Congressional Networks of the United States Senate: Predicting Roll Call Votes based on party membership, cosponsorships, hyperlinks, shared committees and PAC donations  George Barnett, Jang Hyun im, Kyounghee	The Evolution of Research Networks and Homophily Vladimir Batagelj, Bettina Hoser, Claudia Mueller, Steffen Staab, Gerd Stumme	Applying exponential random graph models on event based social networks  Christoph Stadtfeld	Inter-organizational network research: An extensive literature review Carsten Bergenholtz, Christian Waldstrøm	Co-evolutionary dynamics of opinions and networks: bringing tolerance back in  Jae-woo Kim and Robert A.  Hanneman
2.50	Kwon		11 11 12 66	11 1' , 1	
3:50	Early Career Trajectories in the U.S. Senate, 1981- 2006	Evaluating Canola-based research trajectories in co-publication networks: assimilating citation-	How Homophily affects the Speed of Communication	Heading towards a network theory of effectiveness. A replication with set-theoretic extension	The Epistemological Basis of Stable Links  Drew Margolin
	Delia Baldassarri, Emily Marshall	based quality factors into weighted ties	Matthew Jackson, Benjamin Golub	of Provan and Milward (1995)	
		Camille Ryan, Peter W.B. Phillips, William Boland		Joerg Raab, Stef Suijkerbuijk	

	Shell	Ventana	Del Mar	Ballroom A	Ballroom E
4:10	Revisiting Those Men in the Mess: A Network Based Approach to Examining the Effects of Party, Region, and Cohabitation Rodolfo Espino	Network theory and public administration: Snowball sampling in Google Scholar  Jesse Lecy, Ines Mergel, Hans Peter Schmitz	Product spreading and network structure for an inter firm communication network  Johannes Bjelland	Supply Chain Technology Adoption as Isomorphism in a Firm's Social Network Hsiao-Lan Wei, Li-Ling Chen	New heuristic approaches for betweenness centrality algorithm  Renaud Richardet, Peter A Gloor
4:30	Patterns of collaboration among Italian politicians in the 70s. Some results from a preliminary analysis  Laura Sartori, Paolo Parigi	Predicting links in a sparse social network using text mining and graph theory  Alon Bartal, Gilad -Ravid, Nava Pliskin, Boaz - Lerner	Interactive acquisition and sharing: Understanding the dynamics of HIV/AIDS information networks  Tiffany Veinot	Interorganizational Network Evolution in the ICT for Development Community Seungyoon Lee, Peter Monge	Examining the distribution and correlates of reciprocity in a large-scale communication network: A weighted-edge approach  Omar Lizardo, David Hachen, Cheng Wang, Zhechao Zhou
4:50	The structures of legislative networks – The case of the Swedish parliament Gergei Farkas	Citation Network of the Bible  Pao Mei Etchells, Natalia Mendoza, Ian McCulloh, Anthony N Johnson	Lets Stay in Touch: Using Mobile Phone Records to Track Changes in Social Relationships during the Transition from School to University  Sam Roberts, Robin I.M. Dunbar	How do people find knowledge in complex organizations? A small world study of problemistic search and the division of labour Sam MacAulay, John Steen, Tim Kastelle	Reciprocity and Homophily: Generalised Exchange as a Result of Group Identification versus Dyadic Exchange as a Basis of Group Cohesion  Filip Agneessens and John Skvoretz

Thu	rsday, 8:30 - 10	):30				
	Shell	Ventana	Del Mar	Ballroom A	Ballroom E	Evans I
	Kinship Networks	Visualization (Brandes)	Organizational	Networks on the Job	Social Influence	Methodological and

	(Koehly)		Networks: Collaboration and Alliances (Feld)	(Waber)	(Lazer)	Theoretical Issues (McKether/Hollstein/ Dominguez)
8:30	Diffusion of distress through genetic risk networks  Laura Koehly, Thomas W. Valente, Sato Ashida, Aunchalee Loscalzo, Donald W. Hadley	Visualization of Egos Strategic Relational Embeddedness: Research on a Networking Behaviour Instrument Peter Groenewegen, Eveline Stam	Uncertainty in Networks: An Empirical Study of Exchange Relations Among Hospital Organizations  Alessandro Lomi, Francesca Pallotti	Recognizing expertise and changing social networks in organizations  Benjamin Waber, Alex Pentland	Social Influence and Social Selection in Networks  David Lazer, Michael Neblo, Kevin Esterling, Anand Sokhey	V
8:50	Role behavior and social networks within urban families  Marina Hennig	VennMaker - Computer aided qualitative and quantitative social network analysis Markus Gamper, Michael Kronenwett	The effect of position within cliques on innovative performance  Michiel Pieters, John Hagedoorn, Wim Vanhaverbeke, Vareska van de Vrande	Trust me: Actual and perceived trust in an organization  Dean Lusher, Garry Robins, Pip Pattison, Alessandro Lomi	Informant Independence or Neighborhood Influence? A Test on Cognitive Social Structures Benjamin Lind	

	Shell	Ventana	Del Mar	Ballroom A	Ballroom E	Evans I
9:10	From Empirical	Visualizing Social	Using Social Network	Social Networks and	Cognitive	Critical network
	Networks to Cultural	Network Measures	Analysis to Establish	Job Satisfaction in the	Representations of	analysis
	Concept Formation:		Operational Benchmarks	Department of Nursing	Social Structure in a	
	The Case of Kinship	Christopher Bowen.	for an Industrial Cluster		Tongan Village	Kasey L. Walker,
	Systems	Evan Leitch, John		Hsieh-Hua Yang, Yi-		
		Graham	Neil Reid, Bruce W	Horng Lai,Wan-Ching	Charles Cappell,	
	Dwight Read		Smith, Michael C Carroll	Chao, Shu-Fen Chen,	Giovanni Bennardo	
				Mei-Hua Wang		
0.20	Ci-1 C	C	Circilarita a CN ataurala	IAI I Ct	C d II d	Mile at I. a. Cl. a. Fair and 2
9:30	Social Connectivity	Spring Embedder vs.	Similarity of Network	Weak versus Strong	Second Hand	What Is a Close Friend?
	of Small-scale	MDS	Ties Across Different	Ties as Sources of Job	Deliberation: Deliberative Sessions	Mothers, Childcare
	Fishing Communities in the Northern Gulf	Ulrik Brandes,	Domains of Organizational Activity	Satisfaction: Network Centrality and Social	and Social Networks	Centers, and the Possibility of
	of California, Mexico	Christian Pich	Organizacional Activity	Contagion	una sociai wetworks	Compartmentally
	oj canjornia, mexico	Chi istian Fich	John Roberts, Aki	Contagion	David Lazer, Brian	Intimate Ties
	Jennifer Duberstein,		Roberts	Filip Agneessens, Jude	Rubineau, Michael	intimate ries
	Richard Cudney-		Roberts	Hays, Rafael Wittek	Neblo	Mario Small
	Bueno, Tad A			Trays, Rafaer Witter	Nebio	Mai 10 Siliali
	Pfister, William W					
	Shaw, Jorge Torre					
	511, 151.86 16116					

	Shell	Ventana	Del Mar	Ballroom A	Ballroom E	Evans I
9:50	Lending Practices	Customized automation	One does not get to vote	I want what she's	Dual Opinion Leader:	Social Flow: A network
	among Rural	for visualization and	on every story told:	having: – Interpersonal	A Comparison	based framework of
	Ecuadorian Women	analysis of networks	network structures and	networks and salary	between Japan, USA,	social mobility among
			policy domain narratives		and China	immigrants
	Lauren Frank, Peter	Jim Blythe, Cathleen	in legislation Christian Waldstr øm,			
	R Monge, Andrea M	McGrath	Kent Wickstrøm		Yutaka Hamaoka	Silvia Dominguez
	Durham, Joyee		Klaus Liepelt and Lothar	Jensen		
	Chatterjee		Krempel			
10:10		Dynamizing Dynamic	The Focused	Staying or leaving?	Identifying Economic	The Role of Network
		Network Analysis	Organization of Voting in	The Effect of Network	Influence in Massive	Characteristics in
			the United Nations	Position on Intentions	Online Social	Facilitating Research
		Florian Windhager	General Assembly	to leave	Networks	Impact: A Knowledge
						Transfer Perspective
			Paulette Lloyd, Scott	Kent Wickstrøm	Sinan Aral, Lev	
			Feld	Jensen, Christian	Muchnik, Arun	Marissa Takahashi,
				Waldstrøm, Jens	Sundararajan	
				Martinus Pedersen		
			Coffee Break 10:	30-10:40		

Thu	rsday, 10:40 - 1	2:00				
	Shell	Ventana	Del Mar	Ballroom A	Ballroom E	Evans I
	Kinship Network Analysis (White)	Organizational Networks: Brokerage (Shah)	Networks and Adolescent Smoking (Lakon)	Social Capital and Organizations (Biseda)	Offline/Online Networks (Akiyoshi)	Networks & Crime (Schaeffer)
10:40	New approaches and new software algorithms for kinship network analysis and K-cohesion in social networks  Douglas White, Vlado Batajelj, Andrej Mrvar, Isabelle Daillent, Klaus Hamberger	All tied up: the performance implications of using multiplex relationships to bridge structural holes  Neha Shah, Christian Waldstrom	Cigarette Smoking Among Adolescents: Social Networks, the Neighborhood, and the Role of Social Support  Cynthia Lakon, John R. Hipp	A Comparison of Social Capital Assessment Instruments in Geographically Dispersed Firms Marlene Biseda		Assessing Network Risk Interface Design Zachary Schaeffer, Thomas Beirne, John Graham, Ericka Rovira
11:00	Multiplication of networks in kinship analysis Andrej Mrvar	Not all brokers are the same: Embeddedness and exposure in intraorganizational networks  Adam Tatarynowicz, Alessandro Lomi	Co-Evolutionary Models of Smoking Behaviors and Friendship among Adolescents: Results of a Comparative Study  Harold Green, Joan Tucker, David Kennedy, Michael Pollard, Myong- Hyun Go	Borrowing social capital from one's organization: a case study  Emmanuel Lazega, Marie Jourda, Lise Mounier	Explaining Online Networking Styles  Mito Akiyoshi, Jeffrey Boase	Tracking and Disrupting Dark Networks  Nancy Roberts, Sean F. Everton

	Shell	Ventana	Del Mar	Ballroom A	Ballroom E	<b>Evans I</b>
11:20	Analyzing networks	Patterns of	Team Smoking: Assessing	Social Networks and	A cultural	Networks of
	by networks: ring	coordination: brokerage	the Influence of Smoking	Trust at Multiple	perspective of offline	Corruption
	intersection graphs	roles in the wake of	Teammates on	Levels of Analysis	and online networks	
	as a tool for	Hurricane Katrina	Adolescent Smoking			Valdis Krebs, Erin
	exploring		Using the Network	Nienke Moolenaar,	Derek Lackaff	Kenneally

	matrimonial	Emma S. Spiro, Ryan M.	Affiliation Model	Bonne J.H. Zijlstra,		
	structures	Acton, Carter T. Butts		Peter J.C. Sleegers		
			Kayo Fujimoto, Jennifer			
	Isabelle Daillant		Unger, Thomas Valente			
11:40	Cycle search in	Project managers	Relational Cost of	The Effects of	Small Town in the	Bad boys and role
	kinship networks	create access to	Smoking Cessation for	Relational and Virtual	Global Village	models: Selection vs.
		valuable expertise	Adolescents in School	Embeddedness on		influence and the
	Klaus Hamberger	through their		Knowledge Flows in	Barry Wellman,	direction of
		communication	Myong H Go, Joan	Supply Chains	Jessica Leigh Collins	delinquency diffusion
		networks	Tucker, Harold Green,			
			David Kennedy, Michael	Hsiao-Lan Wei		John Hipp, Robert W.
		Line Ramsing	Pollard			Faris
			Lunch Break 12	:00-1:30		

Thu	Thursday, 1:30 – 3:30										
	Shell	Ventana	Del Mar	Ballroom AB	Ballroom CD	Evans I	Evans II				
	Inter- Organizational Knowledge Networks (Frantz)	Networks and Culture (Popov)	Student Social Networks (Schaefer)	Modeling Dynamic Networks (Fowler)	Terrorism and Networks (Bergin)	Sex, Drugs, and Social Networks (Coronges)	Mixed Methods Studies (McKether/Hollste in/Domiguez)				
1:30	Coming together: When two groups merge Terrill Frantz, Kathleen M. Carley	What can Ownership Networks Tell us about Globalisation? Vladimir Popov	A Longitudinal Analysis of Homophily in Networks of Preschool Children  David Schaefer, Laura Hanish, Richard Fabes, Carol Lynn Martin, John M. Light	A Community Membership Life Cycle Model Andreas Sonnenbichler	The Application of Social Network Analysis in the Defence, Security and Law Enforcement Intelligence Domains: A review of progress and prospects up to 2008.  Sean Bergin	Cognitive and behavioral dynamics in high school friendship networks  Kathryn Coronges, Thomas Valente	The role of human and social capital in problem solving and decision making  Arent Greve and B. Hansen				

	Shell	Ventana	Del Mar	Ballroom AB	Ballroom CD	Evans I	Evans II
1:50	Down-to-Earth Performance Enhancements: A case study from the Italian Aerospace Industry  Francesca Grippa, Giuseppina Passiante	Beyond National Identity: Collective Schemata of the Nation in Thirty- Three Countries Bart Bonikowski	Dynamics of TV Use and Social Structure in School Classes Thomas N. Friemel	A Model of Genetic Variation in Human Social Networks James Fowler, Christopher T. Dawes, Nicholas A. Christakis	Structured Representation of Archival Data: Shining Light on 'Dark Networks' Glenn Burgess, Sean Bergin	Place-Based Social Network Quality and Correlates of Substance Use Among Urban Adolescents  Michael Mason, Thomas Valente, J. D Coatsworth, Jeremy Mennis, Frank Lawrence, Patricia Zelenak	The price of dreams: an examination of the market for thoroughbred yearlings Emily Plant
2:10	Multiple knowledge exchange in innovation networks: a case study in the aerospace industry  Fernando Alberti, Riccardo De Vita, Alessandro Sinatra	Open Organization Networks: The Social World of an European Buddhist Monastery Josep Rodriguez	Ethnic segregation as a unintended byproduct of opinion homophily Tobias Stark, Andreas Flache	The Development of a Dynamic Social Network Modelling Technique to Model Group Political Violence in the Southern Philippines Nectarios Kontoleon, Zuleyka Zevallos	Relating events to structure: evidence from the World Trade Center police reports Lorien Jasny, Chris Marcum, Carter Butts	Drug use among gang youth, their friends and family  Beth Hoffman, Bill Sanders	Social capital and collective action in a declining rural region  Cesar Ortiz-Guerrero

	Shell	Ventana	Del Mar	Ballroom AB	Ballroom CD	Evans I	Evans II
2:30	Knowledge	Styles in Action:	Respect, Influence	Longitudinal	Terrorism Analysis	Geographic and	From narrative to
	Integration in	Understanding the	and Collaboration:	Analysis of a Chess	through Export	Network	network data:
	R&D networks	Dynamics of Stylistic	A Social Network	Network	Networks	Analysis of Drug	collecting and
		Networks in Fashion	Analysis of Chat			Interdiction	converting

	Alexander Morren	Frederic Godart, Peter Shawn Bearman	and Bulletin Board Conversations in a CSCL Network Binod Sundararajan	Marc Anthony Johnson, Anthony Johnson	Iain Cruickshank. Ian A. McCulloh	Information Jamie Olson, Eric M Malloy, Kathleen M Carley	Willie McKether
2:50	Ideology and Homophily amongst the American Think Tank Elite Joon Nak Choi	Models of cultural taste: Between field and network James G. Ennis	Modeling Social Interaction and Collaboration among Graduate Students Ranran Wang	Modeling Group Size Dynamics: Empirical Evidence Using Event Data Captured from the Web Ryan M. Acton	Learning What We Don't Know: An Estimation of the Accuracy of Media Sources Used in Network Analyses of Terrorism Luke Gerdes	Becoming a Sex Worker in Southern China James H. Jones, Yeon Jung Yu	Network cards as a tool for investigating changes in personal networks  Juergen Pfeffer and Betina Hollstein

	Shell	Ventana	Del Mar	Ballroom AB	Ballroom CD	Evans I	Evans II
3:10	Deviant Elite	Network Lens: From	What Friendship	Dynamics of		Region analysis	Community
	Networks and the	Ethnography to	Entails? A Full	scientific co-		of spreading of	structure of large
	Limits of Scandal:	Simulation	Social Network	authorship		STI's on the	networks: natural
	Secrecy,		Analysis of Three	networks of		Orchid FSW	cluster sizes and
	Denunciation	Kathleen Carley,	Cohorts of Graduate	Slovenian		dataset -	the absence of
	Patterns, and	Jeffrey Johnson	Students	researchers		extension to	large clusters
	Obstacles for					weighted links	
	Truth Attainment		Song Yang	Luka Kronegger,			Jure Leskovec
	in Canada's			Andrej Mrvar,		Geoffrey	
	Gomery			Vladimir Batagelj,		Canright	
	Commission			Anuška Ferligoj,			
				Franc Mali			
	Carlo Morselli,						
	Yanick Charette,						
	Amelie-Maude						
	Lemire						
			Coffee I	Break 3:30-3:50			

Thu	rsday, 3:50 – 5:	30				
	Shell	Ventana	Del Mar	Evans I	Evans II	Marina
	Inter- Organizational Dynamic Networks (Shumate)	Knowledge Networks (Friemel)	Collaboration and Coordination (Yang)	Generalized Block Models with ERGM (Robins/Doreian)	Simulation (Hirshman)	Viszards (Borner)
3:50	The genesis and evolution of NGO communities  Michelle Shumate, Yannick Atouba	Dynamics of Cognitive Structures Thomas N. Friemel, Heinz Bonfadelli	The role of knowledge awareness, access, and problem solving in the partnership networks  Hsieh-Hua Yang, Fen Fen Huang, Ke-Wu Yao	Using blockmodel and ergm approaches to test substantive hypothesis about social network processes and social network structures  Patrick Doreian, Peng Wang, Garry Robins, Pip Pattison	The Effects of Cellular Network Structure on Information Diffusion Patterns Brian Hirshman, Kathleen M Carley	Katy Borner Ulrik Brandes Seok-Hee Hong Jeffrey C. Johnson Lothar Krempel
4:10	Partner Selection, Performance Spillovers and the Dynamics of Interorganization al Networks  Alessandro Lomi, Daniele Mascia, Francesca Pallotti	Intra-organizational Knowledge Transfer and Multiplexity: The Strength of Rich Ties Rick Aalbers, Otto Koppius, Wilfred Dolfsma	Dynamic Modeling of Organizational Coordination over the Course of the Katrina Disaster Zack Almquist, Ryan M. Acton, Carter T. Butts	Blockmodel traces and exponential random graph parameters representing network processes  Peng Wang, Patrick Doreian, Garry Robins, Philippa Pattison	Concurrency, connectivity, and HIV transmission in small networks Nicole Bohme Carnegie	Katy Borner Ulrik Brandes Seok-Hee Hong Jeffrey C. Johnson Lothar Krempel

	Shell	Ventana	Del Mar	Evans I	Evans II	Marina
4:30	Networks of trade relations and DFI decisions: empirical evidence from the international electricity industry  Lei Wang and	Knowledge Networks Change During Radical and Incremental Innovation Episodes: A Case Study on Software Development Riccardo De Vita, Guido Conaldi	Cooperative system design in mental health services after natural disaster: A longitudinal perspective  Li-Wen Liu	Latent Space Cluster Models with ERGM components  Mark Handcock, Pavel N Krivitsky	Structures and Interplay of Ethical Trust and Social Moral Norms Hock Chuan Lim and Robert Stocker, Michael Barlow	
4:50	Alessandro Lomi Networks of Acquisitions and Organizational Performance in the Global Electricity Industry, 1994- 2004  Mohamed Boukris, Alessandro Lomi	Social Information Foraging Chaomei Chen	The impact of disruptive environmental events on NGO networks of collaboration  Jessica Gould	A stochastic blockmodel extension of ERGMs Michael Schweinberger, Mark Handcock	Cognitive Adaptation to Social Structure Kari Kelton, Pamela L Toman, Elisa Jayne Bienenstock	

	Shell	Ventana	Del Mar	Evans I	Evans II	Marina
5:10	Inter-	Using p*/ERGM	What is a Research	Toward a Solution of the	Social cohesion in	
	organizational	Techniques to	Community? (A	Near-Degeneracy	simulations of simple	
	R&D networks and	Implement a Multi-	Mathematical	Problem of Exponential-	hierarchies of layered	
	firms'	theoretical Multilevel	Approach Using	Family Random Graph	network structures	
	technological	Network	Formal Concept	Models		
	knowledge base: a	Recommender System	Analysis)		Robert Stocker, Helen	
	co-evolutionary	_		Michael Schweinberger,	Gilroy	
	perspective	Yun Huang, York Yao,		Mark Handcock	_	
		Noshir Contractor	Guo-Qiang Zhang			
	Gianluca					
	Carnabuci, James					
	Hayton					

Keynote Address Ballroom A
Phillip Bonacich
Thursday, 5:30 – 7:00
No Host Bar 7:00-7:30

Banquet: 7:30

Hospitality Suite

9:00 pm – Midnight

Pavilion

Using Social Networks for Evil!

Keynote Address
Phillip Bonacich
Department of Sociology
University of California, Los Angeles

Thursday, 5:30 - 7:00

Many uses of the network approach in sociology involve pro-social behavior: social capital involves people helping people; social movements, which spread through networks, enable sets of people to achieve collective goals; formal organizations achieve socially sanctioned goals; even subversive networks enable sets of individuals to achieve goals they could not have achieved alone; ecologists study how ecologies form functioning wholes; the study of trust and the embeddedness of economic relations are thriving areas of inquiry.

Yet, individuals use the networks they are involved in for their own selfish and malign purposes. Bernie Madoff abused the trust and social capital he had accumulated within a community. As those who have studied social dilemmas have demonstrated, anti-social behavior can be fun and profitable.

What I wish to explore in this talk is one form of anti-social behavior, one that I have been thinking about recently – the exploitation of the weak and dependent in networks of social exchange and violations of the norm of reciprocity.

Friday, 8:30 - 10:30									
	Shell	Ventana	Del Mar	Ballroom A	Ballroom E	Evans I			
	Dynamic	Infectious Disease	Leadership	Adolescent	Knowledge and	Qualitative Network			
	Networks:	and Networks	(Slaughter)	Friendship Networks	Information Sharing	Studies			

	Statistical Approaches I (Snijders)	(Brewer)		(de la Haye)	(Feld)	(McKether/Hollstein/D omiguez)
8:30	Adjusting for network size and composition effects in Exponential Random Graph Models Pavel Krivitsky	The Effects of Network Structure on the Final Size in Simulated Epidemics on Graphs James H. Jones	A comparison of direct and positional influence in an informal leadership network  Andrew Slaughter	Notes on the effect of parents' social exchange on children's sociability  Mark Riddle	Networks of Shared Information Through a Computer Hub: The Case of the NanoHUB  Pamela Morris Scott Feld	Social venues as risk and protective landscapes for HIV among networks of young men in Tanzania  Thespina Yamanis, Lusajo Kajula, Jessie K Mbwambo, Jo Anne E Earp, Suzanne Maman
8:50	Geo-Temporal Human Network Mapping Jonathon Meyers, Matthew Dunlop, Frederick I Moxley	Is meeting one person ten times the same as meeting ten persons once? The effect of repetitive contacts on the spread of infectious diseases	A Company Commander's Networked Expertise in Finnish Defence Forces Juha Tuominen	Domination, Victimization, and Gender: the Dual- Edged Sword of Network Centrality  Robert Faris, Diane Fe	Monitoring Corporate Security and Privacy Practices Using Social Network Analysis Andrew Patrick, Stephen Marsh	Exploring Social and Sexual Networks in Western Kenya via Qualitative Methods  Donna Smith, Christine Kibui, Sabina Wakasiaka, Tina Dan May Hoang, Richard Rothenberg

	Shell	Ventana	Del Mar	Ballroom A	Ballroom E	Evans I
9:10	Combining Geographic Information and Network Analysis Jamie Olson, Kathleen M Carley	Comparison of daily reports and retrospective recall for eliciting drug injection partners  Devon Brewer, Erica L. Seddig, Barbara C. Leigh	The Social Capital of Online Leaders David Huffaker	Birds of a feather: Adolescent girls with similar BMIs tend to flock together  Kayla de la Haye, Garry Robins, Philip Mohr, Carlene Wilson	A study of Knowledge Reuse Role in an on-line Inquiry-based Leaning Network  Hung-Jen Yang, Jui- Chen Yu, Hsieh-Hua Yang	Cannabis use and safe identities in inner-city school environments  Adam Fletcher, Chris Bonell, Annik Sorhaindo, Tim Rhodes
9:30	Statistical Approaches for Networks from Event Data  Juergen Lerner, Ulrik Brandes, Tom Snijders	Spread of Staphylococcus aureus in a nursing home; prospective network study with social network methods and biological assessment  Elleke Leclercq, Christian JPA Hoebe, Ellen Stobberingh, Annemarie Niekamp, Nicole HTM Dukers- Muijrers	Social networks and the role of emotional abilities in leadership emergence Cecile Emery, Kim Daniloski, David Brinberg	A longitudinal study of social networks and physical activity of adolescents in Taiwan Sheu-jen Huang	A comparison of search engine logs with folksonomies  Beate Krause, Robert Jäschke, Andreas Hotho, Gerd Stumme	Social Networks and Family Relations in Return Migration Janet Salaf, Arent Greve

	Shell	Ventana	Del Mar	Ballroom A	Ballroom E	Evans I
9:50	Analyzing the joint dynamics of several networks  Tom Snijders	Temporal and spatial variability of potentially contagious contacts and its implication for disease spread  Ladina Muggler, Judith Maag, Timo Smieszek, Roland W. Scholz	Friend or Leader? The Origins and Performance Implications of the Network of Leadership Perceptions Josh Marineau, Ajay Mehra, Alex Lopes	Triad Trajectories and Mental Health Transitions in Adolescents Gertrude Gauthier, Robin D Gauthier	Why Would You Save Your Files in A Group Folder? A Multi- Theoretical and Multi-Level Analysis of Antecedents for Information Sharing through Digital Repositories in Project Groups Meikuan Huang, Chunke Su, Joshua Barbour	Friday Night at the Movies: How Hollywood Decides What You'll Be Watching This Weekend Bryan Greenberg, David Ruggeri
10:10	IkeNet3: Analysis of Dynamic Email Networks  Ty Volkman, Ian McCulloh, Anthony N Johnson, John Graham	Spatial range of poultry trade contacts and avian influenza spread  Lena Fiebig, Timo Smieszek, Jan Hattendorf, Jakob Zinsstag	To See or Not to See, That is the Question: Perceptual Accuracy of School District Leadership Networks Alan Daly, Rich DeJordy, Jose Bolivar	Adolescents' career networks and transition to secondary education Markku Jokisaari, Jukka Vuori	The Effects of Intrinsic and Extrinsic Motivation on Intra- Organizational Knowledge Sharing  Robert Kase, Dana Minbaeva, Zella King	Prominence and Control: The Weighted Rich-Club Effect Pietro Panzarasa, Tore psahl, Vittoria Colizza, Jose' Javier Ramasco
	<u> </u>	<u>I</u>	Coffee Break	10:30-10:40	18	<u> </u>

	ay, 10:40 - 12 Shell	Ventana	Del Mar	Ballroom A	Ballroom E	Evans I
	Network Dynamics of Youth (Moody)	Individual Social Capital (Sanders- Jackson)	Network Governance (Groenewegen)	Power and Influence (Godart)	Interlocking Directorates (Kanamitsu)	Qualitative Network Studies II
10:40	Mechanisms of structural change in multiple networks  Dan McFarland, James Moody, Jeff Smith, R. Jack Thomas	Race and Social Capital in a Collegiate Setting Ashley Sanders- Jackson and Brandon Zerbe	Social governance mechanisms in innovating communities  Peter Groenewegen, Christine Moser	The Empire as Organizational Form. Applying Political Models to Business Organizations  Frederic Godart, Karen Barkey	Evolution of the small world of Japanese interlocking networks Jun Kanamitsu	Winners' Circles: SNA- driven Ethnography of Award-Winning Creative Teams in Japan John Mccreery
11:00	Popularity trajectories and substance use in early adolescence  James Moody, Wendy Bryndilsen, Wayne Osgood	Collective and Individual Returns of Social Capital: The Case of Mexican Professionals Juan Enrique Huerta	European social disadvantage reduction by building partnership between States, Markets and Non profit organizations: the Italian case Fabio Corbisiero	Social Exchange and Network Formation: The Use of Power- Dependence Theory to Predict the Network Structure of Inter-oganizational Competitions  Blaine Robbins, Maria S Grigoryeva, Eric Gleave, Howard T Welser	Evolution of Chinese Board Network John Liu	Learning to be a Node in the Information Order  Dan Ryan

	Shell	Ventana	Del Mar	Ballroom A	Ballroom E	Evans I
11:20	Achievement-	Preserving a Unique	The Network	Networks and change	Interlocking	Social network research
	related networks	Cinema Taste within	Dynamics of	implementation in	Directorates and the	as a heuristic for rural
	dynamics in	the Home Community	Governance	organizations	Mexican Economic	managers to improve
	adolescence:	of Practice: Social	Innovations in Global		Elite: Financial and	primary health care

	modeling selection and influence with SIENA Scott Gest, Lauren Molloy, Kelly L. Rulison	Capital in Japanese filmmaker networks for Highly Performing Film Projects Naoki Wakabayashi, Masaru Yamashita, Jin-ichiro Yamada	Securities Markets, 1980-2009  Pooya Tavakoly, Nikolaus Beck, Alessandro Lomi, Marc Ventresca	Tiziana Casciaro, Julie Battilana	Sociological Considerations Jorge Rocha, Luis E de Garate	partnerships Jeffrey Fuller
11:40	Achievement- related network dynamics in adolescence: descriptive and visual analysis  Lauren Molloy, Scott D. Gest, Daniel McFarland, James Moody	Explaining Adolescent Friendship Patterns using Socioeconomic Status Elena Grewal,	Network Governance in IT outsourcing Kiron Ravindran, Vijay Gurbaxani, Anjana Susarla	Emergent Power: Using Longitudinal Analysis to Examine Dynamic Power Structures in Networks Kasey Walker	The Co-evolution of Company Performance and the German Interlocking Directorate Network  Daniel Oster, Thorsten Seehawer, Johannes Putzke, Kai Fischbach, Detlef Schoder	Mental Health and Social Support Networks Emma Barnes
		Board Me	eting (Board Mem	bers Only) – Mari	na Room	

Frid	Friday, 1:30 - 3:30								
	Shell	Ventana	Del Mar	Evans II	Ballroom E	Evans I			
	Dynamic Networks: Statistical Approaches II (McCulloh)	Status in Networks (Goodman)	Interlocking Directorates II (Hirst)	Friendship Networks (Kirke)	HIV/STD and Networks (Busse)	Networks and Teams (Saint-Charles)			
1:30	Network Structure and Bias in the Network Autocorrelation Model Eric Neuman, Mark S. Mizruchi	Reciprocity from Status Ambiguity Fabien Accominotti	Centrality and firm profitability: its not about size but your connections  Giles Hirst & Jane Save	Homophily and clustering in friendship networks: sociological implications  Deirdre Kirke	HIV Risk Network Composition and Sociometric Measure among Active Injection Drug Users  Cui Yang, Carl A Latkin, S. Janet Kuramoto, Stephen Q Muth				
1:50	Transition Pattern Analysis Procedures for Dynamic Social Networks James Hollander	The Effects of Structural Holes and Status Signal on Patents' Citations: The Inventors' Networks of the Patents in the IC Industry in Taiwan in 2001 and 2005  Ray-May Hsung, Yi- Ren Guan, Yi-Jr Lin	Transformation from Differentiated Networks to Integrated Networks: The Interlocked Directors of IC Industry in Taiwan Yi-jr Lin,	Geographic Mobility & Social Foci Reuben Thomas	Network configuration as a key predisposing factor to increased HIV transmission in men having sex with men (MSM)  Shui Shan Lee	Can we distinguish between cognitive and affective networks in teams?  Johanne Saint-Charles, Pierre Mongeau			
	Shell	Ventana	Del Mar	Evans II	Ballroom E	Evans I			
2:10	Algebraic foundations for dynamic relational structures	The Road to Stardom: Ideological Schism and Status Networks in a Collaborative	The Hollow Core of the British Corporate Elite Andrew Buck	Heterophily in network dynamics Kevin Lewis and Andreas Wimmer	SWAP study: The Spread of Sexually Transmitted Diseases in an ongoing Swingers Network, Combining	Social networks and subgroups in teams: An integrative perspective on knowledge sharing and innovation			

	Philippa Pattison, Garry Robins, Johan Koskinen, Lucia Falzon	Encyclopedia Project Patty Sakunkoo, Nathan Sakunkoo			Sexual and Biological Network Data  Anne-Marie Niekamp, Christian JPA Hoebe, Nicole HTM Dukers- Muijrers	Jonathon Cummings, Andrew M Carton
2:30	Fourier Analysis of Social Networks  Anthony Johnson, Arthur Middle- brooks Ian McCulloh	Semantic Out- Degree Centrality as a Measure of Organizational Image and Reputation  Dawn Gilpin	Germany INC 1996 - 2006: Capital Ties, Board Interlocks and Joint Ventures Lothar Krempel	The Interaction of Adolescent Friendship Networks and School Context on Social Integration Jaime Settle	The Racial Disparity in Sexually Transmitted Infection: a network explanation Deven Hamilton	Communication Patterns in Distributed and Collocated Software Teams  Benjamin Waber, Kate Ehrlich, Mary Helander
2:50	Change in Network Dynamics Ian McCulloh Kathleen M Carley	Brokerage and discredit in Hollywood blacklisting Sasha Goodman	Interlocking directorates network in Poland Michal Zdziarski	Luminous Shine and Dark Shadow:The Duality of Friendship Network in Late Adolescence Chy-in Wu	Conceptualizing the mediated effect of personal network closure on intentions to engage in an HIV preventive behavior  Peter Busse	Central Leaders in (De)Centralized Teams: The Influence of Team Leader Centrality and Team Structure on Team Performance  Eric Quintane, Joeri M Mol

	Shell	Ventana	Del Mar	Evans II	Ballroom E	Evans I
3:10	Random Networks in	Status Politics from	Structural Patterns of	Positive Thinking	Digging the	Attribute and Network
	Small World	Merchant	Corporate Elite	Brings You Friends	Community:	Approaches to
		Partnership	Networks: The Case		Sociocentric Network	Understanding Team
	David Krackhardt,	Networks: Evidence	of Germany	Ching Pei Wu, Yu-	Sampling Approach in	Outcomes: A Synthesis
	David Dedder	from Eighteenth-		Ting Huang	AIDS Prevention	-
		Century Bristol	Olaf Rank, Anja			Brandon Ofem, Virginie
			Tuschke		Yuri Amirkhanian	L. Kidwell, Travis
		Henning Hillmann				Grosser, Brian Dineen,
		and Denis Trapido				Steve Borgatti
			Coffee Brea	ık 3:30-4:00		

Freeman Award Presentation Ballroom A	
Carter Butts	
4:00 - 5:30	
Poster Session 5:30-7:30, Pavilion	
Software Demonstration 5:30-7:30, Pavilion	
Hospitality Suite 9:00 pm - Midnight, Pavilion	

## The Importance of Simple Things

Carter Butts
Freeman Award Presentation
Department of Sociology
University of California, Irvine
Friday, 4:00 – 5:30

While social networks are often considered to be "complex systems," many of the deepest insights into the nature of social structure come from relatively simple things. In part, this stems from the fact that the set of possible social structures is heavily constrained by the intrinsic dependence among structural features: fixing one feature of a social network necessarily constrains other features of that network. While this intuition extends back at least to the work of Simmel, its far-reaching implications are often overlooked. Likewise, basic contextual factors such as population size, geography, and heterogeneity can shape network structure to a much greater degree than is often appreciated. In this talk, I outline some of the important -- and often surprising -- ways in which "simple" things can enhance our understanding of social networks. I will also highlight some examples of such "simple" phenomena which persist even within highly disrupted social settings. Finally, I will argue that there is much that we do not currently understand regarding the basic factors which influence social structure, and that there is a great deal of room for the further study of "simple" things.

Policy &	Friendships	Diffusion	Measurement	Mixed Method	Applied
Prevention	_			Applications	Networks
Placement and Hiring Network of Public Affair Schools: Exploring indicators of prestige, ranking, and homophily  Sungsoo Hwang, B Jonathan Jeong	Me and you and everyone we gossip about. A new direction in social networks  Lea Ellwardt, Marijtje van Duijn	Why are living-learning communities good for students? An analysis of student social networks  Antonina Bambina	Network centralization and perception of relationship conflict in groups: A longitudinal study Tasuku Igarashi	Stability of Individual Social Profiles Increases with Age in Female Social Rodents Tina Wey, Daniel T. Blumstein	Research network involving retired experts as a means to keep alive relevant knowledge – the case of IPEN in Brazil  Andrew Seary, Antonio C.O. Barroso, J. S.B. Reis-Junior, K. Imakumaa, M. O. Menezes
Can Policy Networks Coordinate Issues Locally? James Nelson	Friendship Structure and Sexual Violence Among Middle School Students  Dorothy Espelage, Harold D Green	Using Multilevel Diffusion Curves to Estimate the Prevalence of Payola in Pop Music Radio Gabriel Rossman, Ming Ming Chiu, Joeri Mol	Structural Holes in Affiliation Networks Ryuchi Nakamoto, Naoto Kanki	The production of knowledge in particle physics: a mixing method research Elisa Bellotti	The paradox of convenience: Differentially accessible alters complicate media use in personal networks  Bernard Hogan

Posters Session: (continued)						
Policy & Prevention	Friendship	Diffusion	Measurement	Mixed Method Applications	Applied Networks	
Collaboration occurring among Youth Suicide Prevention Networks Elana Light	Online friendship networks: A cross- cultural comparison of network patterns between MySpace	Predicting team performance through leadership behavior  Peter Gloor	Social structure, work structure, and intra- organizational dynamics	Visualisizing cohesive subgroups and community structure  Mark Round, Hannah State-Davey	Partisan Polarization and Abortion Debate Structure: Network Analysis of Ideas- Actors Interactions	
	and Wretch Hui-Jung Chang		Spiro Maroulis		Rentaro Iida	
The power of existing networks: An examination of coalition participation in youth violence prevention  Kimberly D. Bess, Paul W. Speer		Diffusion of structural knowledge in networked agents  Jim Blythe, Barbara Lawrence, Cathleen McGrath	Creating a Validation Surface for Network Change Detection  Jesse St. Charles, Kathleen M Carley	Bridging technological standards in competition: aggressive strategy of a peripheral company  Atsushi Osanai	Media behaviors during 2008 US presidential election: A web content analysis  Francesca Grippa, Zandi Matteo, Bazarnick Toby, Bonazzi Alessandro, Frongia Daniele, Govoni Riccardo	

Posters Session: (continued)					
Policy & Prevention	Measurement	Mixed Method Applications	Applied Networks		
Participatory network patterns in organizations practicing collective action: A longitudinal analysis	Testing the Theory of Structural Holes: Modeling the Microbehavior of an Email Network	Data Redution and Patterns of Structure in Personal Network Data	The International network of foreign news coverage on news websites: Is it breaking or reinforcing the old world hierarchies?		
Paul Speer, Eric Tesdahl, Brian Christens, Paul W Speer	Christopher DuBois, Carter T Butts, Padhraic Smyth	David Kennedy, Hank Green, Chris McCarty	Itai Himelboim, Stephen McCreery		
Examining collaboration in the National Child Traumatic Stress Network (NCTSN) using social network analysis	Appropriate network measures for on-line communities	Social Network Based System for Structuring and Storing Organizational Knowledge	Social network effects on intentions of work participation by men and women in the transition to parenthood		
Bhuvana Sukumar and Yisong Geng	Kevin Crowston, Francesco Bolici, Andrea Wiggins	Juan Cruz, José Roure	Giudici Francesco, Antoine Pierrard, Marlène Sapin, Eric Widmer		
	Missing Data: Links and Nodes  Aileen Barrass	Social Network Analysis of the Federal Election Commission  Tish Torgerson, Angie Cowen, Ian McCulloh, Daniel Horn, John Graham	Racial Differences in Sexually Transmitted Infection Related Behavior: Data from Four Studies Deven Hamilton		

Software Demonstrations: 5:30 - 7:30 Pavilion (Hors d'oeuvres & No Host Bar)				
Matrix to Coordinates 2.0	(Re-)Introducing Path Finder Analysis for Valued Graphs	NodeXL: A network overview, discovery and exploration add-in for	Construct: a dynamic network analysis tool	
Benjamin Elbirt		Excel 2007		
	David Morgan		Brian Hirshman, Jesse St Charles,	
		Marc A Smith, Eric P Gleave, Tony Capone, Ben Shneiderman, Natasa Milic-Frayling, Cody Dunne	Kathleen Carley	
Geo-Spatial Location-based Visualization of Network Dynamics	Jacob's Ladder 12 - Network Visualization with OpenGL	Network Workbench: A Toolkit for Network Scientists	WORDij: Tools for Semantic Network Analysis and Social Network Data Mining	
Patty Sakunkoo, Nathan Sakunkoo	Benjamin Elbirt	Ann Mccranie, Stanley Wasserman	James A. Danowski and Ken Riopelle	

	ırday, 8:30 - 10 Shell	Ventana	Del Mar	Evans I	Ballroom E	Evans II
	Academic Networks (McFarland)	Labor Markets (Marin)	Online Social Networking Sites (Stenger)	Geographic and Social Space (Bevc)	Two-Mode Networks (Kovacs)	Entrepreneurial Networks (Bliemel)
8:30	The development of science studies Kyle Siler		Social Network Sites vv Social Network Analysis: do they match? Definition and methodological issues Thomas Stenger, Alexandre Coutant	Considerations in Geographically- Embedded Network Relations Christine Bevc		A typology of entrepreneurial network configurations: using Q-analysis to combine the study of network structures and flows  Martin Bliemel, Ian P. McCarthy, Elicia M.A. Maine
8:50	Multiple Networks and Distant Tie Formation Linus Dahlander, Daniel McFarland	You Can Do Anything with a History Degree, Except be an Engineer: A Network Approach to Credentials as Providing Broadly- Applicable Skills or Occupation-Specific Training Alexandra Marin, Jing Shen	Towards the automatization of social network analysis for social network sites – Analytic demands of SNS user groups Michael Ovelgoenne	The Spatial Configuration of Intra- Organisational Networks Kerstin Sailer	A generalized similarity model for relational data Balazs Kovacs	Effects of entrepreneurial attributes in utilising the industry network for business expansion  John Chen, John T Steen
	Shell	Ventana	Del Mar	Evans I	Ballroom E	Evans II
9:10	Mutual synergy or peer spillover? Social influence and faculty grant productivity	Regional Economy and Getting Private Sector Jobs through Personal Ties	An Automated System for Measuring Tie-Strength of Friendships in Online Social Networks	Comparing Geographical Networks: European Internet Infrastructure and other Economic and	Multi-Mode Affiliation Networks I: Visualization Techniques	What characterizes networks of born global successful ventures? The case of Israeli high tech

	Craig Rawlings, Daniel A. McFarland	Olga Mayorova	Lerone Banks, S. Felix Wu	Academic European Networks Sandra Vinciguerra	Dean Krikorian, Greg S. Ludwig	ventures in internationalization and M&A transactions
						Yossi Dashti, Dafna Schwartz, Ayala Malach-Pines
9:30	Uncovering the Mental Illness Recovery Research Movement Ann Mccranie	Finding your job: Exploring the role of individual identities and social networks  Vanina Torlò, Alessandro Lomi, Tom A. Snijders	Narcissism and social networks: An empirical study of loops Kevin Lewis	The spatial dynamics of the inventor network in German biotechnology: the role of preferential attachment, network closure and geographical proximity  Anne Ter Wal,	Candidates & Voters - a "1.5-modal" network.  Alexandre Rausch, Christian Stegbauer	Technology Transfer and Collective Learning Process in the French Biotechnology Industry  Alvaro Ignacio Pina Stranger

	Shell	Ventana	Del Mar	Evans I	Ballroom E	Evans II
9:50	When Researchers Reflect their Field: the Clustering of HIV/AIDS (Research) within (Academic) Populations Jimi Adams	All in the Families: The Career Implications of Network Based Social Identities, NCAA Basketball Dan Halgin	The social structure of privacy: connectedness in online social networks  Lorraine Kisselburgh	Caring for Heart Attack Patients: Networks for Interhospital Transfer Theodore Iwashyna	Exploiting the Duality of Cases and Variables in QCA (Qualitative Comparative Analysis)  Ronald Breiger	How Do Technical Communities Create Value? A Social Network Analysis of Co- inventor Networks in Biotechnology  Steven Casper
10:10	The Cognitive Social Structure of an Organizational Field Craig Rawlings	Organizational and network antecedents to factor market competition and performance: An examination of the 2007-2008 NCAA Football Bowl Subdivsion recruiting cycle.  Chris Sterling, Scott M Soltis	Community Structure in Online Collegiate Social Networks Mason Porter	Networks in Space and Time: Cholera Transmission in Bangladesh Sophia Giebultowicz	Analyzing the Structure and Evolution of Knowledge Communities in Social Bookmarking Systems with Formal Concept Analysis  Anastasia Novokreshenova, Mikhail Klimushkin, Dmitry Chetverikov, Sergei Obiedkov	The Irish Farmhouse Cheese Sector: Learning through Practice and Community Caren Crowley
		l	Coffee Break 10:3	0-10:40	l	

Satu	rday, 10:40 - 12	2:00				
	Shell	Ventana	Del Mar	Evans I	Ballroom E	Evans II
	Networks and Emotion (Grosser)	Merging/Changing Organizations (Frank)	Networks, Economics, and Markets (Chu-shore)	Virtual Worlds (Contractor)	Methods and Statistics I (Illenberger)	Scientific Networks (Shwed)
10:40		1+1=1? Merging organizational cultures – a social experiment Lukas Zenk	The effect of importing on exporting in music: a longitudinal analysis Jesse Chu-shore	Social network based churn analysis in a virtual world  Muhammad A. Ahmad, Nishith Pathak, Rakesh Ramakrishnan, Jaideep Srivastava	An approach to correct biases induced by snowball sampling Johannes Illenberger, Gunnar Flötteröd, Kai Nagel	When Do We Know? A Structural Analysis of Scientific Consensus Formation Uri Shwed
11:00	Do First Impressions Matter? A Longitudinal Analysis of Affective Ties  Travis Grosser, Virginie L. Kidwell, Brian Dineen, Steve Borgatti	The Effects of Company Reorganization in a Military Academy Natalia Mendoza, Anthony N Johnson, Ian McCulloh	Modeling the Social Bases of Personal Lending in Renaissance Florence Neha Gondal, Paul McLean	Internet Use and Psychosocial Well- being: Results from a Large Virtual World Cuihua Shen, Dmitri Williams	Extreme Actors - Outliers and Influential Observations in exponential random graph (p-star) models  Johan Koskinen, Peng Wang, Garry Robins, Philippa Pattison	Scientific advisory board networks as market signals: Evidence from science-based NASDAQ issuers' ties to the FDA Jay Chok, Mark T Kennedy

	Shell	Ventana	Del Mar	Evans I	Ballroom E	<b>Evans II</b>
11:20	Best friends or romantic partner? The role and maintenance of close contacts in egocentric social networks  Jens Binder, Alistair Sutcliffe	Balance Theory and Planned Organizational Network Change  Keith Hunter	Market and Hierarchy: the Social Structure of Production Decisions in a Cultural Market Fabien Accominotti	The Role of Proximity and Homophily in Virtual World Networks  Yun Huang, Cuihua Shen, Noshir Contractor	Models for networks embedded in space Galina Daraganova, Pip Pattison, Bill Mitchell, Anthea Bill, Martin Watts, Scott Baum	Preferential attachment in the evolution of the network of scientific collaboration in nanotechnology Stasa Milojevic
11:40	Happiness and Positive Affect in Interactions: Examining Psychological Correlates with Network Density in Contact Diaries  Yang-chih Fu, Hwai- Chung Ho, Jun-Hong Chen	Coordinating Instructional Improvement in Schools: A Network Theory of Change  Kenneth Frank, William R Penuel, Chong-min Kim, Min Sun	Value creation in market networks: The importance of exchange-as-service and resource integration  Jennifer Chandler, Stephen L. Vargo	Social & Collaboration Networks in Multiplayer Online Games Nosh Contractor	A Proposal for the Use of Fuzzy Inference Systems to Determine the Nodes'strength in Social Networks on the Internet  Francisco A. Gudemberg Almeida Moura, Itana Stiubiener, Margarethe Born Steinberger-Elias	Tracing the Evolution of a Scientific Community through Social Network Analysis: The Case of Autism Steven Casper, Ryan Peeler, Christine Tarleton, Philip Topham
		Business	Meeting, Ventana	Room 12:00-1:	30	

Satu	ırday, 1:30 - 3:3	80				
	Shell	Ventana	Del Mar	Evans I	Ballroom E	Evans II
	Networks and Financial Markets (Cronin)	Innovation and Diffusion (Smit)	On-line Communities (Chung)	Network Experiments (Baker)	Methods and Statistics II (Everett)	Translational Science (McKenzie)
1:30	The Paradox of Centrality: Overembeddedness and Wall Street's Fall from Grace Joon Nak Choi	Effectiveness of Innovation Networks  Alexander Smit, Marius Meeus, Joerg Raab	Evaluation of Online Social Networks – Toward Developing Applications H. Michael Chung	Mechanisms of Generalized Reciprocity: Experimental Results Wayne Baker, Sheen Levine	Explaining through vs. predicting with social networks  Otto Koppius, Galit Shmueli	Scientific networks and large components: Cross- institutional collaboration among Shanghai inventors, 1993- 2000 Dan Wang
1:50	Investments and Relations: The Social Organization of Venture Capital Industry in Israel Ilan Talmud	The product knowledge as network structure: evolutionary patterns  Alessandra Carlone, Giuseppe Soda, Arnaldo Camuffo	Exploring online communities through networks  Ales Ziberna, Vasja Vehovar, Andraz Petrovcic	Evolution of intergroup cooperation Carlos C. Contreras – Ibáñez	Missing data some reflections Martin Everett	The structure of co- authorship partner networks in Nanotechnology Philip Lu, Lynne G Zucker

	Shell	Ventana	Del Mar	Evans I	Ballroom E	<b>Evans II</b>
2:10	Social networks in	Introduction of	Fundamental Trade-off in	Constraint and	Implications of	A time series
	the Hedge Funds	technological	Collaboration: Evidence	communication in	missing data in the	analysis of the
	Industry: an	innovations through	from Wikipedia	networked coordination	construction and	growth of digital
	empirical study	organizational social		games	analysis of extended	government
		networks	Andreea Gorbatai,		kinship networks	
	Vanina Torlò,		Mikolaj Jan Piskorski	Daniel Enemark,		Phil Murphy,
	Charles Baden-	Miha Skerlavaj, Peter		Mathew D. McCubbins,	Ashton Verdery,	Sungsoo Hwang
	Fuller, Simone	Baloh		Ramamohan Paturi,	Barbara Entwisle,	
	Ferriani, Stefano			Nicholas Weller	Katherine Faust,Peter	
	Mengoli				Mucha, Ronald	
					Rindfuss	
2:30	A Walk on the Wild	Communication	The Dynamics of	Network-Induced	A Measure of	Patterns of
	Side: A Network	Patterns of	Organizational	Exploration and	Centrality for Dense	Scientific
	Explanation of	Innovations: An	Development – The	Exploitation in the	Networks with Valued	Collaboration in a
	Contagion in	Analysis of Enron	Example of Wikipedia	Traveling Salesman	Ties	Comprehensive
	Financial Markets			Problem		Cancer Center
		Brandy Aven	Christian Stegbauer,		George Barnett	
	Bruce Cronin		Alexandre Rausch	Ethan Bernstein, David		Naja McKenzie,
				Lazer		Alan G Nyitray,
						Scott J Leischow,
						Jesse N Nodora

	Shell	Ventana	Del Mar	Evans I	Ballroom E	Evans II
2:50	Path creation and	Predicting Patent	A Troll to You, a Prince to	Polarization in Groups	Simultaneous	Emerging Multi-
	the role of agency	Quality Based on the	Me: Is Slashdot's Karma	with high Demographic	Asymmetric	Disciplinary
	and cognitive	Structure of Citation	Rating Mechanism	Diversity	Decomposition for	Research
	cultural mechanisms	Network	Effective for Social	_	Comparing Valued	Collaborations
	in stock analyst		Control?	Michael Maes, Andreas	Asymmetric Relations	among Clinical and
	coverage	Jyun-cheng Wang,		Flache		Translational
	J	Chen-Hsin Chiang	Dale Ganley, Melanie		Katherine Faust	Scientists
	Theodora Welch,		Bernier			
	Laura L Hansen					Christine Hotz,
						Julie Rainwater,
						Jose Galvez
3:10	Paths of Capital: The	Legal Precedents,	A Technique for Inferring		Generalized Additive	A Multi-theoretical
	Creation and	Judicial Discretion, and	Trust in Online		Models for Valued	Multilevel Model of
	Dissolution of the	the Diffusion of the	Recommendation		Networks	Scientific
	Slovenian Corporate	Strict Liability Rule for	Communities			Collaboration
	Network	Manufacturing Defects,			Sharique Hasan	
		1962-87	Muhammad Ahmad,			Sanjeev Jha, Cath
	Pahor Marko		Young Ae Kim, Jaideep			Kane, William
		Donald Smythe, Robert	Srivastava			Trochim, Noshir
		C. Bird				Contractor
·			Coffee Break 3:3	30-4:00		

Plenary Session, Ballroom A Albert-Lásló Barabasi 4:00 - 5:30

Hospitality Suite 9:00 pm – Midnight, Pavilion

Network Science: From the Web to Social Systems

## Albert-László Barabási Center for Complex Network Research at Northeastern University Department of Medicine, Harvard Medical School.

Systems as diverse as the world wide web, Internet, the cell or social systems are described by highly interconnected networks with amazingly complex topology. These networks are not random, however, but are the result of self-organizing processes governed by simple but generic laws, resulting in architectural features that makes these networks much more similar to each other than one would have expected by exploring them one by one. Indeed, how is it possible that the Internet, the cell, or the social network have similar architectural features? My goal is to discuss this order characterizing networks emerging from biological to social systems, and its implications to how we perceive the impact of links and connections on our life. Time permitting, I will also discuss recent results focusing on the dynamics of networks and human travel patterns.

	day, 8:30 - 10:30 Shell	Ventana	Del Mar	Evans I
	Collective Action and Social Movements (Taylor)	Analyzing Network Data (Bonacich)	Networks in the Blogosphere (Kelly)	
8:30	Patterns of Voluntary Organization Membership and Satisfaction with Forest Management Jack Taylor, David B. Tindall			
8:50	Democracy by Design: The Institutionalization of Neighborhood Participation Networks in Los Angeles Christopher Weare, Juliet Ann Musso, Kyu-Nahm Jun	Isomorphically distinct multiplex patterns in triads  Philip Bonacich, Neha Shah, Christian Waldstrom		
9:10	Transferring Trust: An Inquiry into the Origin of Network Ties in Harriet Tubman's Underground Railroad Network  Binod Sundararajan, Nicholas M. Young, Sandy Green	Structure of ego-centered networks in very large social networks  Alina Mihaela Stoica, Christophe Prieur, Zbigniew Smoreda		

	Shell	Ventana	Del Mar	Evans I
9:30	Labor Movements in the Post- Industrial Era: Globalization, Networks, and Emergent Solidarity  Michael Siciliano, Erin McGrath, Gunes Ertan, Molly McGrath	Network Connectivity: Identifying Key Subgroups and Individuals  Jeffrey Smith, James Moody	Mapping international blogospheres John Kelly	
9:50	The Social Role of the Faculty Activist: A Practice Theory Approach to Structural Equivalence Mapping  John Mohr, Joseph Castro, Sarah Fenstermaker, Debra Guckenheimer	Understanding Community Structure Identification Algorithms Richard Goodrum, David W Matula, Eli V Olinick	Evaluation of Network Dynamics in theTakingITGlobal Community Nelson Ko, Alvin Chin	
10:10	Collective actions and trust in neighbors – what are the effects of social composition? Beate Volker	Computing continuous core/periphery structures for social relations data with MINRES SVD  John Boyd, William J. Fitzgerald, Matthew C. Mahutga, David A. Smith	Another dime in the jukebox? Understanding the diffusion of users' consumption decisions in an online music community Jui Ramaprasad	
	<u>'</u>	Coffee Break 10:	30-10:40	

	Shell	Ventana	Del Mar	Evans I
	Networks, Collective Action, and Social Movements (Tindall)	Migration and Immigration (Mayorova)	Web Mining (Gloor)	Corporate and Public Elites (Bender-deMoll)
10:40	Individual vs interorganizational networks in the study of collective action Mario Diani	Social Isolation of Forced Migrants: Spatial and Network Perspectives Olga Mayorova, Beth Mitchneck	Prediction of Outcomes in Sports Betting Communities through SNA  Eric Esser, Christian Leiniger, Anastasios Koukothakis, Nico Hiort af Ornäs, Peter A Gloor, Kai Fischbach	Tracing the political web: presenting campaign finance networks interactively on the internet  Skye Bender-deMoll
11:00	The Intensity of Protest, Lifecourse Stage, Social Networks, and the Participation of Individuals in Social Movement Activism Over Time  David Tindall, Mark CJ Stoddart, Mario Diani	The nature of personal support networks of immigrants to Spain: a multilevel analysis  Mark Tranmer, Veronica di Miguel	Combining Prediction Markets & Web Sentiment Analysis  Stefan Nann, Peter A Gloor, Jonas Krauss, Andrew Westerfeld	Simulating the Formation of Parliamentary Decision Teams, or How the Bundestag is like a Musica William Rand, Klaus Liepelt

	Shell	Ventana	Del Mar	Evans I
11:20	The Significance of Social Networks for Explaining Retention in Humanitarian Aid Efforts for Migrants in the Southern Arizona Desert Kraig Beyerlein, Catherine Hoegeman, Laura Hunter	A Network Analysis of Food Consumption during Thanksgiving Samantha Cross	Who is who? Identifying Virtual Personalities through Merger or Decomposition of Online Identities  Jonas Krauss, Stefan Nann, Renaud Richardet, Peter A	Academic influence amongst the UK public elite  Dave Griffiths
11:40	Increasing Power in a Black Community: A Networked Approach Willie Mckether			Environment vs Economy in Structures of Local Decision Making Christofer Edling, Gergei Farkas, Jens Rydgren
12:00	Hybrid politics in a multi- movement environment: Identities, networks, and recruitment within the anti- Iraq war coalition			
	Fabio Rojas and Michael T. Heaney			

Sunbelt XXX June 29-July 4, 2010 Riva del Garda, Italy