

P R O G R A M



**FIFTH
ANNUAL SUNBELT
SOCIAL NETWORK
CONFERENCE**

PALM BEACH HILTON

PALM BEACH, FLORIDA

FEBRUARY 14-17

ORGANIZERS

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**THE INTERNATIONAL NETWORK FOR
SOCIAL NETWORK ANALYSIS**

SUNBELT SOCIAL NETWORK CONFERENCE

Note: Authors are listed by name only. Full address information is given in the back of this program. In Absentia papers are listed at the end of the program.

THURSDAY AFTERNOON

Registration

DIAMONDHEAD ROOM

Plenary Session: Keynote Address by Professor Linton Freeman

Reception. Cash Bar.

Buffet Dinner (no speeches!)

FRIDAY MORNING SESSION 1 DIAMONDHEAD ROOM

Networks in Historical Research

Chair: Andrejs Plakans

9:00 Cheryll Ann Cody. Social Networks and the Slave Marriage Market: Finding a Mate on the Ball Plantation 1810-1865
Mikel Garcia. A Network of Mutual Support: Voluntary Associations and Leadership in Black Los Angeles 1883-1917
Charles Wetherell and Andrejs Plakans. Social Networks in a Post-Emancipation Estate in Russia: Pinkenhof, Livonia, 1850

10:15 BREAK

10:45 Douglas Heckathorn. Quantitative Analysis of Historical Change: Alternative Approaches
11:10 William Roy and Phillip Bonacich. Interlocking Directorates, Communities of Interest, and the Ownership vs Control Controversy Among American Railroad Companies, 1905
11:35 Commentary: Darrett Rutman

FRIDAY MORNING SESSION 2 MONTE CARLO ROOM

Advances in Mathematical Network Analysis

Chair: John Skvoretz

David Morgan. Rehabilitating a Technique to Measure Perceived Networks
9:25 George Barnett, Richard Bales and Kenneth Day. General Systems Approach to Organizational Networks
9:50 Wayne Baker. Spatial Interaction and the Formation and Structure of Social Networks: The Case of a Local Hospital Economy

- 10:45 Thomas Schøtt. Influence Among Scientists: Mathematicians in Denmark
11:10 John Skvoretz. Random and Biased Networks: Simulations and Approximations
11:35 Peter Bearman. Blockmodeling Aboriginal Social Structure,

FRIDAY MID-DAY SESSION 1 DIAMONDHEAD ROOM

- 12:30 - 2:30 Workshop on Statistical Analysis of Relational Data
Chair: Stanley Wasserman

FRIDAY MID-DAY SESSION 2 DIAMONDHEAD ROOM

Communications Networks
Chair: Ronald Rice

- 2:30 Kathleen Carley. Establishing Networks Via Computer Mail
2:50 Paul Hart and Ronald Rice. The Evolution of the Information Industry: Concentration and Conglomeration Networks in Electronic Publishing
James Danowski and John Andrews. Linking Message Content Structure With "Who-to-Whom" Network Structure
Jeong Taik Lee. Research-Related Communication Patterns in a Faculty and Graduate Students Network: A Structural Equivalence Approach

FRIDAY MID-DAY SESSION 3 MONTE CARLO ROOM

Bounded vs. Open Networks
Chair: Muriel Hammer

- Muriel Hammer. Issues in the Comparison of Open and Closed Networks
1:25 David Jacobson. Boundary Maintenance of Social Networks
1:50 Manfred Kochen. The Structure of Acquaintance Nets and Rates of Societal Development

BREAK

- Barry Wellman. The Flow of Social Resources Through Open Networks
3:10 Commentary: Susan Greenbaum

FRIDAY AFTERNOON SESSION DIAMONDHEAD ROOM

Comparison of Various Structural Models for the Analysis of Social Network Data
Chair: Katherine Faust

- William Batchelder. Representing Taxonomic Networks with Positive Boolean Polynomials
- 4:40 John Paul Boyd. Fitting Relational Data to a Given Semigroup
- 5:05 Karl Reitz. Network and Semigroup Homomorphisms

BREAK

- 5:55 Martin Everett. Role Similarity and Complexity
- 6:20 David Krackhardt and Ronald Breiger. Comparative Advantages of GAP Partialling and Log Linear Analysis of Multivariate Network Data
- A. Kimball Romney and Katherine Faust. First Steps in a Theory of Network Data

FRIDAY AFTERNOON SESSION 2 MONTE CARLO ROOM

Networks and Social Resource Manipulation, I

Chair: Larissa Lomnitz

- J. Jill Suitor. Social Networks in Transition: Married Mothers Return to School
- 4:25 Larissa Lomnitz. Informal Exchange Networks in Formal Systems
- 4:50 Jeannine Anderson. Women's Networks in a Barriada in Lima, Peru

BREAK

Margot Breton and Terry Bunston. A Report on the Use by Homeless and Transient Women, of Instant and Long-Term Social Networks

Carl Cohen, Jeanne Teresi, Jay Sokolovsky, Eric Roth and Douglas Holmes. Old Men on the Streets

SATURDAY MORNING SESSION 1 DIAMONDHEAD ROOM

Network Measurement

Chair: Peter Marsden

- Francis Sim, John Sonquist and Douglas White. Conceptualizing Network Measurement
- 9:20 Ronald Burt. Studying the Meaning of Relational Data
- 9:40 A. Kimball Romney, Raul Magaña and Cindy Webster. Judgments of Competence and Liking Patterns Among Seventh Grade Students
- 10:00 Susan Weller. Judgments of Competence and Social Interaction Patterns Among Pediatric Residents
- 10:20 BREAK
- 10:45 James Boster. Exchange of Cultivars and Information Between Aguaruna Manioc Cultivators
- 1:05 Mark Mizruchi, Peter Mariolis, Michael Schwartz and Beth Mintz. Components of Centrality: A Dynamic Analysis

- 11:25 Peter Mariolis. Concepts, Models and Measures: Toward an Analytical Framework for Social Network Analysis
11:45 Commentary: Peter Marsden

SATURDAY MORNING SESSION 2 MONTE CARLO ROOM

Networks Through Time

Chair: Alvin Wolfe

- Meindert Fennema and Joris Nobel. Dutch Business After the Loss of Empire: Changes in the Network of Interlocking Directorates.
Lothar Krempel. Does Social Relevance Affect Contact Between Individuals?
9:50 Scott Feld. Selective Maintenance in Social Networks
10:15 BREAK
10:45 Patrick Doreian. Structural Equivalence in a Psychology Journal Network
11:10 Davor Jedlicka. Petroleum Networks Through Time
11:35 Commentary: Alvin Wolfe

SATURDAY NOON SESSION MONTE CARLO ROOM

Meeting of INSNA Chair: Barry Wellman

SATURDAY MID-DAY SESSION 1 DIAMONDHEAD ROOM

- Computer Programs for Analyzing Networks
1:00 John Sonquist. Computer Programs for Analyzing Social Networks
1:30 Stephen Seidman. Bridging the Gap Between Network Researchers and Network Software: The Role of Computer Graphics

SATURDAY MID-DAY SESSION 2 DIAMONDHEAD ROOM

Agents, Brokers and Corporate Actors

Chair: Barry Mitnick

- 2:00 Joseph Galaskiewicz. Matchmaking and Agency Roles in an Economy of Donative Transfers
2:30 Barry Mitnick. Agents of Legitimacy: Pantheonic Directorates and the Management of Organization Environments
Barry Baysinger. A Theory of Shareholder Approval of Shark Repellents: An Agency Approach
3:30 Commentary: Harrison White

SATURDAY MID-DAY SESSION 3 MONTE CARLO ROOM

Volunteered Papers

Chair: Robert Milardo

David Krackhardt. Variations in Perceived Structures:
Cognitive Networks, Local Aggregated Networks, and Voted
Networks

Ben Finney and Jeff Johnson. Living and Working in Space:
A Social Network Perspective

Paul Hooks and Tom Baranowski. Social Network for Recruiting
Triethnic Children for Cardiovascular Risk Research

BREAK

- 2:45 Linda Wolfe. Social Networks of Rhesus Monkeys
3:10 Alexandra Manyanski. Sexual and Social Relations Among Monkeys
and Apes: Implications for Early Hominid Social Structure

SATURDAY AFTERNOON SESSION 1 DIAMONDHEAD ROOM

Toward a Theoretical Synthesis

Chair: Stephen Berkowitz

- 4:00 Edward Laumann and Yong-Hak Kim. Framing the Level of
Analysis: An Empirical Case Study
4:20 Ronald Burt. The Social Structure of Competition:
Entrepreneurs and Opportunities
4:40 Thomas Fararo and John Skvoretz. Action, Institution and
Network
Harrison White. The MEAN FIELD Approximation for Networks

BREAK

Joseph Galaskiewicz. The Illusive Maximand In
Interorganizational Decision-Making: Control Efficiency or
Legitimation?

S. D. Berkowitz and E. Nuñez. Power: Structural Conditions
for Mobilization

Valerie Haines. Social Network Analysis and the
Holism-Individualism Debate

Joel Levine. Models of Social Differentiation and Mobility

SATURDAY AFTERNOON SESSION 2 MONTE CARLO ROOM

Networks and Social Resource Manipulation, II

Chair: Ruth Martinez

- 4:00 Ruth Martinez. Social Support Among Puerto Rican Divorced
Women
Brian Foster and Peter Reingen. Structural Analysis of Word of
Mouth Information Transfer: The Piano Tuner Study

Jeanne Hurlbert and Peter Marsden. Social Resources and
Mobility Outcomes: A Reanalysis and Extension
Tonya Schuster and Edgar Butler. Personal Networks and Support
in Bereavement

SUNDAY MORNING SESSION 1 DIAMONDHEAD ROOM

Network Autocorrelation and Related Models

Chair: Patrick Doreian

- 10:00 Patrick Doreian. Further Monte Carlo Results for Network
Autocorrelation Models
10:25 Malcolm Dow. Model Selection Procedures for Network
Autocorrelation Disturbances Models
10:50 Eugene Johnsen. Some Remarks on Empirical Model Development
and Characterization
11:15 Eugene Johnsen. Micro- and Macro-models for Agreement and
Friendship

SUNDAY MORNING SESSION 2 MONTE CARLO ROOM

Ethnicity and Gender in Network Analysis

Chair: Bonnie Erickson

- 10:00 Wen H. Kuo. Transracial Social Networks.
10:20 Yung-mei Tsai, Wen-hui Tsai and Che-fu Lee. Neighborhood
Social Networks in Three Taiwanese Urban Communities
10:40 Brian Jones and Bernard Gallagher III. Social Network Models
of Gender and Illness

1:00 BREAK

:20 Karen Campbell. Sex Differences in Social Resources and Social
Constraints
11:40 Kenneth Tracey. Patterns of Acculturation Among East Indians
in Trinidad in the 1980s

SUNDAY NOON ORGANIZATIONAL MEETING FOR 1986 AND 1987 DIAMONDHEAD ROOM

IN ABSENTIA PAPERS

- Stephen Reif. An Analysis of Class Level Network Manipulations in a
Capital Scarce Economy: Comayagua Honduras.
Jeffrey Shaw and Florence Denmark. The Shaw-Denmark Social
Support Inventory: Further Validation of the Scale
Alden Kloudahl. Social Networks in the Real World: Studying
Large-Scale Networks
Rumi Kato Price. Constraints of Social Networks: A Dynamic
Analysis of Recovery from Heroin Addiction. Part II. Results
Douglas Caulkins. Networking for the Classroom: Taped
Communications for Teaching Undergraduate Network Analysis