

The Mathematical Sociologist
Newsletter of the Mathematical Sociology
Section of the American Sociological Association
Summer 2007

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CONVENTION ISSUE

This special issue of the section newsletter describes the section's plans for the ASA meetings next month in New York City.

Hope to see you there,
Doug Heckathorn

**Congratulations to the winners of
the 2007 Section Election:**

Chair-Elect:

Barbara Meeker
University of Maryland

Council Members:

Jane Sell
Texas A&M University

Brent Simpson
University of South Carolina

Graduate Student Representative:

Matt Brashears
University of Arizona

Revision of the Bylaws: Passed
(These concern the awards policies of the
Mathematical Sociology Section)

MISSION STATEMENT:

The purpose of the Mathematical Sociology Section of the American Sociological Association is to encourage, enhance and foster research, teaching and other professional activities in mathematical sociology, for the development of sociology and the benefit of society, through organized meetings, conferences, newsletters, publications, awards, and other means deemed appropriate by the Section Council. The Section seeks to promote communication, collaboration, and consultation among scholars in sociology in general, mathematical sociology, and allied scientific disciplines.

Mathematical Sociology Sessions

Regular Session: Mathematical Sociology

August 11 (Saturday): 2:30 p.m. to 4:10 p.m.

Presentations:

“Game-Theoretic Approach to Social Trust: Social Capital vs. Nepotistic Capital on Health”

Yoosik Youm, University of Illinois - Chicago

“Local Social Capital, Global Social Capital, and Inequality”

Yoshimichi Sato, Tohoku University

“Complex Contagions and the Weakness of Long Ties”

Damon M. Centola, Harvard University

Michael W. Macy, Cornell University

“The Stability of Exchange Networks”

Marcel Van Assen, Erasmus University

“Contentious Politics and Anticipatory Emotions”

Kurtulus Gemici, University of California - Los Angeles

Presider and Organizer:

Douglas Heckathorn, Cornell University

Special Session: The Future of Mathematical Sociology

August 11 (Saturday): 4:30 p.m. to 5:30 p.m.

Presentations:

“Advancing Mathematical Sociology: Opportunities and Open Problems.”

Carter T. Butts, University of California-Irvine

“Respondent-Driven Sampling as Markov Chain: Monte Carlo: Linkages and Implications.”

Sharad Goel, University of Southern California

Matthew J. Salganik, Princeton University

“The Future of Computational Sociology.”

Michael W. Macy, Cornell University

Presider and Organizer:

Douglas Heckathorn, Cornell University

Mathematical Sociology Section Activities

Business Meeting: August 11 (Saturday), 5:30 p.m. to 6:10 p.m.

If you have any suggestions for agenda items, please e-mail them to Douglas Heckathorn (douglas.heckathorn@cornell.edu)

Reception and Awards Ceremony: August 11, 6:30 p.m.

Presentations will include both the 2006 and 2007 awards

The reception will be held jointly with the Rationality and Society Section

2006 Awards

Outstanding Graduate Student Paper:

Steven Bernard and Robb Willer,

Cornell University

A WEALTH AND STATUS-BASED
MODEL OF RESIDENTIAL
SEGREGATION

Journal of Mathematical Sociology 2007,
31(2):149-174.

Outstanding Article Publication:

**Damon Centola, Robb Willer, and
Michael Macy,**

Cornell University

THE EMPORERS DILEMMA: A
COMPUTATIONAL MODEL OF SELF-
ENFORCING NORMS

American Journal of Sociology 2005.
110(4):1009-1040.

Harrison White Outstanding Book Award:

**Peter J. Carrington, John Scott, and
Stanley Wasserman (Editors)**

MODELS AND METHODS IN SOCIAL
NETWORK ANALYSIS

Cambridge University Press. 2005.

*James S. Coleman Distinguished Career
Award:*

Linton Freeman,

University of California – Irvine

2007 Awards

Outstanding Graduate Student Paper:

Yen-Sheng Chiang

BIRDS OF MODERATELY DIFFERENT
FEATHERS: BANDWAGON
DYNAMICS AND THE THRESHOLD
HETEROGENEITY OF NETWORK
NEIGHBORS

Journal of Mathematical Sociology 2007,
31: 1-23.

Outstanding Article Publication:

James Kitts

COLLECTIVE ACTION, RIVAL
INCENTIVES, AND THE EMERGENCE
OF ANTISOCIAL NORMS.

American Sociological Review, 2006
71:235-259

Harrison White Outstanding Book Award:

**Patrick Doreian, Vladimir Batagelj and
Anuška Ferligoj**

GENERALIZED BLOCKMODELING,
Cambridge University Press, 2005.

*Mathematical Sociology Dissertation
Award:*

TBA



**Current Issue: Volume 31 Issue 3
2007**

THE CRICKET AND THE ANT:
ORGANIZATIONAL TRADE-
OFFS IN CHANGING
ENVIRONMENTS
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Gábor Péli; Jeroen Bruggeman

SOME NEW RESULTS ON THE
EIGENVECTOR CENTRALITY
237 – 248 Authors:

**Rosanna Grassi; Silvana Stefani;
Anna Torriero**

A MATRIX APPROACH TO
GENERALIZING AXELROD-
TYPE TOURNAMENTS
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Frank Tutzauer

***Special Offer for Members of the
Mathematical Sociology Section:
Discount on Subscriptions to the
Journal of
Mathematical Sociology***

The individual subscription is discounted for
section members by 89%, from
£356/\$588 (in 2006) to £38/\$63.

Previous Issue: Volume 31 Issue 2 2007

THE ROLE OF METANETWORKS IN
NETWORK EVOLUTION
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Robb Willer

RESPONDER COMMUNICATION
NETWORKS IN THE WORLD TRADE
CENTER DISASTER: IMPLICATIONS FOR
MODELING OF COMMUNICATION WITHIN
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**Carter T. Butts; Miruna Petrescu-Prahova; B.
Remy Cross**

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Stephen Benard; Robb Willer

THE EVOLUTION OF FAIRNESS IN THE
ULTIMATUM GAME
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Yen-Sheng Chiang

THE PROMOTION AND EVOLUTION OF
COOPERATION THROUGH PROJECTION:
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AND TRUST
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Yusuke Kanazawa