The 1997 meeting of SIG Chaos and Complexity Theory at AERA

NOTE: The AERA program contains significant errors in regard to SIG Chaos and Complexity sessions. The following listings are correct. The membership meeting was listed twice but will only be held once, (on Wednesday) The discussion symposium "Chaos and Complexity Theory at the School Gate" was listed twice and will be held twice. (on both Wednesday and Thursday)

Page Index:

Membership Meeting and Demonstration
Symposium: Chaos and Complexity as Methodological Tools
Roundtables: Critical Issues in Chaos and Complexity Theory
Symposium: Chaos and Complexity Theory at the School Gate: Unraveling the Potential of the New Sciences. Wednesday session; Thursday session
Multiple SIG Paper Presentation: Idlers and Artists: A Semiotic Walk Down Postmodern Lane

Tuesday Session 18.13
4:05-6:05--Sheraton, Parlor C, Level 3
(SIG/Chaos and Complexity Theory--Symposium)

Chaos and Complexity as Methodological Tools

CHAIR David Kirshner, Louisiana State University

PARTICIPANTS

Complexity: Developing a More Useful Analytic Framework for Education. John St. Julien, University of Illinois

Chaos as a Methodological Tool: Exploring the Topology of Conversation and the Intentional Learning Process in Parent-Child Storybook Reading and the Philosophical Dialectics. David B. Yaden, UC

THE TUESDAY LISTING (20.24) OF THE MEMBERSHIP MEETING IS AN ERROR WHICH DUPLICATES THE CORRECT WEDNESDAY SESSION (31.33)

Tuesday Session 20.246:15-7:45--Hyatt, Burnham, West Tower, 3rd(Division B; SIG/Chaos and Complexity Theory--Membership Meeting)
Membership Meeting & Demonstration

PRESIDENT Robert Kahn, University of Missouri, Kansas City
Demonstration: Modified Poincare Maps: Tools for Analyzing Social Chaos

DEMONSTRATOR Russel Marion, Clemson University

Wednesday Session 23.06
9:35-10:15--Sheraton, Sheraton Ballroom II, Level 4
(SIG/Chaos and Complexity Theory--Roundtables)

Critical Issues in Chaos and Complexity Theory

TABLE 26 Looking at Chaotic Events Through Life Cycle Concepts of Organizations. Whitney B. Berta, University of Toronto
TABLE 28 Achievement Motivation as a Dynamical System. Dan Rea, Georgia Southern University
TABLE 29 Patterns in Chaos: Implications for Learning. Sherrie B. Reynolds, Texas Christian University
TABLE 30 Chaos in the Classroom: An Application of Chaos Theory. JoAnn Trygestad, University of Minnesota
TABLE 31 Attending to the Noise: Applying Chaos Theory to School Reform. Richard D. Wertheimer, Pittsburgh Public Schools

Wednesday Session 31.33
6:15-7:45--Hyatt, DuSable, West Tower, 3rd
(Division B; SIG/Chaos and Complexity Theory--Membership Meeting)

Membership Meeting & Demonstration

PRESIDENT Robert Kahn, University of Missouri, Kansas City
Demonstration: Modified Poincare Maps: Tools for Analyzing Social Chaos

DEMONSTRATOR Russel Marion, Clemson University

NOTE: The program lists this session twice. To try and accommodate all those who would like to see the session it will be held at both times listed in the program. (See also: session 42:02)

Wednesday Session 28.54
2:15-4:15--Hyatt, Field, West Tower, 3rd
(Division B; SIG/Chaos and Complexity Theory--Symposium)
Chaos and Complexity Theory at the School Gate: Unraveling the Potential of the New Sciences

CHAIR Rick Ginsberg, Colorado State University

PARTICIPANTS

The New Sciences and Systemic Change. Ali Carr, Penn State University
The Analytics of Complexity: Beyond the Enlightenment or Back to the Future? John St. Julien, University of Illinois
Teaching in a Nonlinear Mode. William Doll, Louisiana State University
ESL Writing: Ideas as Fractals. Robert Kahn, University of Missouri, Kansas City
School Reform: Establishing Dialogic Communities as Self-Organizing Structures for Reflection, Critique, and Change. Jayne Fleener, University of Oklahoma
Schools as Complex Adaptive Systems: Implications for the Next Generation of Readers. Lars Bjork, University of Kentucky

NOTE: The program lists this session twice. To try and accommodate all those who would like to see the session it will be held at both times listed in the program. (See also: session 28:54)

Thursday Session 42.024:05-6:05--Sheraton, Ontario, Level 2 (Division B; SIG/Chaos and Complexity Theory--Symposium)

Chaos and Complexity Theory at the School Gate: Unraveling the Potential of the New Sciences

CHAIR Rick Ginsberg, Colorado State University

PARTICIPANTS

The New Sciences and Systemic Change. Ali Carr, Penn State University
The Analytics of Complexity: Beyond the Enlightenment or Back to the Future? John St. Julien, University of Illinois
Teaching in a Nonlinear Mode. William Doll, Louisiana State University
ESL Writing: Ideas as Fractals. Robert Kahn, University of Missouri, Kansas City
School Reform: Establishing Dialogic Communities as Self-Organizing Structures for Reflection, Critique, and Change. Jayne Fleener, University of Oklahoma
Schools as Complex Adaptive Systems: Implications for the Next Generation of Readers. Lars Bjork, University of Kentucky

Friday Session 52.07
2:15-4:15--Sheraton, Arkansas, Level 2
(SIG/Semiotics in Education; SIG/Arts and Learning; SIG/Chaos and Complexity Theory--Paper Presentation)

Idlers and Artists: A Semiotic Walk Down Postmodern Lane
CHAIR--Linda J. Rogers, Kent State University

PARTICIPANTS

Unthinking Gabachismo: Democracy and Ethics in Late Capitalism. Peter McLaren, UCLA

The Flaneur: Reading the Difference in the City. Jana R. Noel, Montana State University

The Aesthetic Turn: Education Through Romanticism(s) and the Postmodern. Gae L. Mackwood, University of Alberta

Abductive Logic: Primary Skill for a Postmodern Era. Martin Ryder, Storage Technology Corporation

DISCUSSANTS Susan A. Tucker, University of South Alabama; Peter McLaren, UCLA