INSIDE SFI:
ON AND OFF THE COWAN CAMPUS
http://www.santafe.edu/events/update/insidesfi.php

Weldon Memorial Lecture
Geoffrey B. West (SFI President and Distinguished Professor), winner of the 2005 Weldon Memorial Prize, will present a lecture at the University of Oxford entitled “The Scale and Unity of Life,” on Tuesday, June 5, 2007.

2007 Complex Systems Summer School
The Complex Systems Summer School in Santa Fe will take place June 3 - 29, 2007, at St. John’s College. Dan Rockmore (Professor of Computer Science at Dartmouth College and SFI External Faculty member) returns to direct this four-week intensive introduction to complex behavior in mathematical, physical, living, and social systems. Sixty graduate students and postdoctoral fellows from around the world will participate in lectures and group research projects.

June Public Lecture
The next Public Lecture will be on Wednesday, June 13, 2007, at the James A. Little Theatre. Dan Rockmore (Professor of Computer Science at Dartmouth College and SFI External Faculty member), will give a talk entitled “Stylish Mathematics.” D. Eric Smith (SFI Professor) will join him as a discussant.

Abstract: All too often we see mathematics and the arts as two different sides of the science/humanities coin. In this talk Rockmore explores a place where the two come naturally together through new research. In today’s world in which almost all aspects of life are brought to the common medium of the computer, it is now possible to quantify and extract the style of an artist via computation. Examples are gleaned from the literary, visual, and dance arts, and include applications to the problem of authentication.

SFI Trustee Featured in International Herald Tribune
In a May 20 article entitled “Software Brings Gamelike Play to the Workplace,” J. Leighton Read (Alloy Ventures and SFI Trustee) commented on “whether work would not be better if it were like a videogame.” Read and CISCO co-sponsored “Collective Intelligence in Synthetic Environments” in March, 2006.

SFI Trustee Receives Leadership Award
Bill Enloe (Chairman and CEO Los Alamos National Bank and SFI Trustee) was awarded Leadership New Mexico’s 2007 Distinguished Leader Award. This award is given annually to New Mexico leaders who exemplify specific qualities that Leadership New Mexico seeks to cultivate.

SFI Researcher appears in New York Times

The Road on Oprah’s Website
Now you can join Cormac McCarthy’s colleagues from SFI as they explore themes and issues raised in The Road. Doug Erwin (Smithsonian Institution and SFI Professor) has contributed a discussion point entitled “The End of the World: Extinction and Reemergence of Life” on Oprah’s website. Continuing the discussion is Jessica Flack (SFI Research Fellow) on “The Struggle for Survival: Conflict and Creativity.” For more information, please see http://www2.oprah.com/obc_classic/featbook/road/future/road_future_main.jhtml

BUSINESS NETWORK NEWS
http://www.santafe.edu/events/update/businessnetwork.php

Watson Wyatt Joins Business Network
SFI is pleased to welcome Watson Wyatt to the SFI Business Network. Watson Wyatt is represented by Mr. Tim Hodgson, who is based in London.

July 30 Topical Meeting Update
The Seattle-area Topical Meeting, “Dynamics of Flows on Distributed Networks” with David Krakauer (SFI Professor), is set for Monday, July 30. This event will be held at the Bell Harbor International Conference Center (2211 Alaskan Way, Seattle).

INTERNATIONAL PROGRAM
http://www.santafe.edu/events/update/internationalprogram.php

Marquet Returns to SFI
Pablo Marquet, former International Fellow from Catholic University in Chile returns to SFI for three months as a Guggenheim Fellow. Three of Pablo’s former students will visit him at SFI during this period.

PUBLICATIONS
http://www.santafe.edu/events/update/publications.php

Working Papers
http://www.santafe.edu/research/publications/working-papers.php

07-05-008
Primordial Evolution in the Finitary Process Soup
Olof Gornerup and James P. Crutchfield

07-05-007
Computation in Sofic Quantum Dynamical Systems
Karoline Wiesner and James P. Crutchfield

07-04-006
Trading Networks with Price-Setting Agents
Larry Blume, David Easley, Jon Kleinberg, and Eva Tardos
07-04-005
Inferring Markov Chains: Bayesian Estimation, Model Comparison, Entropy Rate, and Out-of-Class Modeling
Christopher C. Streltsoff, James P. Crutchfield, and Alfred Hubler

Refereed Literature
http://www.santafe.edu/events/update/publications.php


Library Acquisitions
For a list of recent purchases by the SFI Library, please see http://www.santafe.edu/events/update/library.php.

CALENDAR OF EVENTS
http://www.santafe.edu/events/

June 1 - August 15, 2007
Educational Program — “NSF Undergraduate Internship Program,” organized by Geoffrey West (SFI). Held at the Santa Fe Institute.

June 3-29, 2007
Educational Program — “Complex Systems Summer School 2007 - Santa Fe,” Director: Daniel Rockmore (Dartmouth College & SFI). Held at St John’s College, Santa Fe & the Santa Fe Institute.

June 4-15, 2007
Educational Program — “Growing Up Thinking Scientifically (GUTS) Program,” organized by Irene Lee (SFI). Held at the Santa Fe Institute.

June 4-15, 2007
Educational Program — “Student Internship-Mentorship Program,” organized by Irene Lee (SFI). Held at St John’s College, Santa Fe.

June 13, 2007
Public Lecture — “Stylish Mathematics,” Dan Rockmore (SFI & Dartmouth College, Mathematics) organized by Ginger Richardson (SFI). Held at the James A. Little Theater, New Mexico School for the Deaf.

June 14-15, 2007
Workshop — “Rule-Based Modeling of Biochemical Systems,” organized by James R. Faeder (Los Alamos National Laboratory), William S. Hlavacek (Los Alamos National Laboratory), Michael Hucka (California Institute of Technology), and Walter Fontana (Harvard Medical School & SFI). Held at the Santa Fe Institute.

June 18 - July 6, 2007
Educational Program — “Student Internship-Mentorship Program,” organized by Irene Lee (SFI). Held at the Santa Fe Institute.

June 19-21, 2007
Workshop — “Nucleic Acid: The First Billion Years,” organized by Harold Morowitz (George Mason University), Eric Smith (SFI), Shelley Copley (University of Colorado), and Nigel Goldenfeld (University of Illinois). Held at the Santa Fe Institute.

July 8-21, 2007
Educational Program — “Graduate Workshop in Computation Social Science Modeling and Complexity,” organized by John Miller (Carnegie Mellon University & SFI) and Scott Page (University of Michigan & SFI). Held at St. John’s College, Santa Fe and the Santa Fe Institute.

July 8 - August 4, 2007
Educational Program — “Complex Systems Summer School - Beijing,” Co-directors: David P. Feldman (College of the Atlantic & SFI) and Chen Xiao-song (Institute for Theoretical Physics, CAS). Sponsored by SFI in cooperation with the Institute of Theoretical Physics and the Graduate School, Chinese Academy of Sciences (CAS). Held at the Institute of Theoretical Physics in Beijing, China.

July 9-13, 2007
Workshop — “Scaling in Biological and Social Networks,” organized by Paul Bourgine (Ecole Polytechnique & ISC-PIF Paris), Cris Moore (University of New Mexico & SFI), and Michel Morvan (Ecole Normal Superieure de Lyon, IXXI Lyon & SFI). Held at the Santa Fe Institute.

July 23 - August 3, 2007
Educational Program — “Growing Up Thinking Scientifically (GUTS) Program,” organized by Irene Lee (SFI). Held at the Santa Fe Institute.

July 25, 2007
Public Lecture — “Sexual Violence during War,” Elisabeth Wood (Yale University, Political Science & SFI) organized by Ginger Richardson (SFI). Held at the James A. Little Theater, New Mexico School for the Deaf.

August 13-24, 2007
Educational Program — “Growing Up Thinking Scientifically (GUTS) Program,” organized by Irene Lee (SFI). Held at the Santa Fe Institute.
August 15, 2007
Public Lecture — “Investor Behavior and Market Efficiency,” Ter-
rance Odean (Haas School of Business, University of California at Berkeley) organized by Ginger Richardson (SFI). Held at the James A. Little Theater, New Mexico School for the Deaf.

September 6-7, 2007
Business Network Topical Meeting — “Conflict and Cooperation: Strategy in Complex Systems” Co-presented by William Glenney (CNO-SSG and SFI). This meeting will take place in Washington, D.C.

September 11, 12, & 13, 2007
ULAM Memorial Lecture Series — “Ancient Perspectives on Future Climate,” Daniel Schrag (Harvard University, Laboratory for Geochemical Oceanography) organized by Ginger Richardson (SFI). Held at the James A. Little Theater, New Mexico School for the Deaf.

September 27, 2007
Business Network Topical Meeting — “ARCS 2007 (Adaptive and Resilient Computer Security) Workshop.” This meeting is co-organized by Dr. Robert Ghanea-Hercock, BT. Held at the Imperial War College, London.

October 7-10, 2007
Workshop — “High-Level Perception and Low-Level Vision: Bridging the Semantic Gap,” organized by Melanie Mitchell (Portland State University & SFI) and Garrett Kenyon (LANL). Held at the Santa Fe Institute.

October 17, 2007
Public Lecture — “Borders and Gateways: Computer Networking in Everyday Life,” Stephanie Forrest (University of New Mexico & SFI) organized by Ginger Richardson (SFI). Held at the James A. Little Theater, New Mexico School for the Deaf.

October 28-31, 2007
Workshop — “A Comparative Analysis of the Transmission and Evolution of World View Concepts,” organized by George J. Gumerman (School of American Research & SFI) and Timothy R. Pauletat (University of Illinois). Held at the Santa Fe Institute.

November 14, 2007

JUNE VISITORS AND ARRIVALS
http://www.santafe.edu/events/monthlyvisitors.php


Jenna Beck (6/1-8/15) Purpose of visit: Education. SFI host: Ginger Richardson.

Anya Bershad (6/11-8/15), Biophysics/International Relations, Stanford University. Purpose of visit: REU. SFI host: Ginger Richardson.

Shelley Copley (6/9-24), Molecular, Cellular, and Developmental Biology, University of Colorado. Purpose of visit: Research Collaboration. SFI host: Harold Morowitz.


Colin Drayton (6/11-8/15) Purpose of visit: REU. SFI host: Ginger Richardson.

Raissa D’Souza (6/14-22), Department of Mechanical and Aeronautical Engineering, UC Davis. Purpose of visit: External Faculty. SFI host: Chris Wood.

Charles Efferson (6/30-9/30), Postdoctoral Fellow, Santa Fe Institute. Purpose of visit: Postdoctoral research. SFI host: Chris Wood.

Doug Erwin (6/11-14), National Museum of Natural History, Smithsonian Institution. Purpose of visit: Summer Faculty. SFI host: Dan Rockmore.

LéAndrea Esquibel (6/2-7/7) Purpose of visit: Education. SFI host: Ginger Richardson.

Michael Flashman (6/1-8/15), Physics, Reed College. Purpose of visit: REU. SFI host: Ginger Richardson.

Nigel Goldenfeld (6/12-29), Physics, University of Illinois at Urbana-Champaign. Purpose of visit: Research Collaboration. SFI host: Harold Morowitz.


Alfred Hubler (6/4-8/17), Department of Physics, University of Illinois-Urbana / SFI External Faculty. Purpose of visit: External Faculty. SFI host: Chris Wood.

Sanjay Jain (6/17-7/7), Dept. of Physics and Astrophysics, University of Delhi. Purpose of visit: Research Collaboration. SFI host: John Padgett.

Juan Keymer (6/24-30), Department of Physics, Princeton University. Purpose of visit: Research Collaboration. SFI host: Shannon Larsen.

Lauren Meyers (6/8-30), Integrative Biology, University of Texas at Austin. Purpose of visit: External Faculty. SFI host: Chris Wood.
John Miller (6/1-7/31), Social and Decision Sciences, Carnegie Mellon University. Purpose of visit: External Faculty. SFI host: Chris Wood.

Regina Monaco (6/17-7/20), Public Health, Columbia University. Purpose of visit: Education. SFI host: Ginger Richardson.

Harold Morowitz (6/1-7/31), Krasnow Institute for Advanced Study, George Mason University / SFI. Purpose of visit: External Faculty. SFI host: Chris Wood.

Lynne Murray (6/3-16), Strategic Studies Group. Purpose of visit: Business Network. SFI host: Shannon Larsen.

Mark Newman (6/10-23), Department of Physics, University of Michigan. Purpose of visit: External Faculty. SFI host: Chris Wood.

Scott Page (6/4-12), Political Science and Economics/Ctr for Study of Complex Systems, University of Michigan. Purpose of visit: Research Collaboration. SFI host: Ginger Richardson.

Dan Rockmore (6/1-7/1), Mathematics Department, Dartmouth College. Purpose of visit: Summer Faculty. SFI host: Ginger Richardson.

Yuzuru Sato (6/10-7/7), Visiting Professor, Hokkaido University. Purpose of visit: Research Collaboration. SFI host: Doyne Farmer.

Steven Schwager (6/11-7/7), Biological Statistics and Computational Biology, Cornell University. Purpose of visit: Research Collaboration. SFI host: Joshua Ladau.

Daniel Solow (6/24-30), Weatherhead School of Management, Case Western Reserve University. Purpose of visit: Research Collaboration. SFI host: Chris Wood.

Georgiy Starostin (6/14-8/25), Center of Comparative Linguistics, Russian State University. Purpose of visit: Research Collaboration. SFI host: Chris Wood.

Michele Tumminello (6/5-28), Dipartimento di Fisica e Tecnologie Relative, University of Palermo. Purpose of visit: Research Collaboration. SFI host: Doyne Farmer.

Fernanda Valdovinos (6/12-8/15), Theoretical Ecology, University of Chile. Purpose of visit: REU. SFI host: Ginger Richardson.

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