INSIDE SFI: ON AND OFF THE COWAN CAMPUS

http://www.santafe.edu/events/update/insidesfi.php

SCHUSTER PRESENTS SEMINAR TO THE POPE

Peter Schuster (SFI External Faculty, President Austrian Academy of Sciences) was the first presenter in the annual weekend seminar held by Pope Benedict XVI (formerly Professor Joseph Ratzinger) for his old doctoral students. This year’s seminar was on evolution.

To learn more, please see http://www.nytimes.com/2006/09/02/world/europe/02vatican.html?pagewanted=2 (New York Times log-in required)

McCarthy’s Tenth Novel

Cormac McCarthy’s tenth novel entitled The Road is scheduled for release September 26, 2006. Quoting from the September 4, 2006, issue of Newsweek, McCarthy sends a nameless father and son through the ruins of America after an apocalypse—with only blankets, scavenged food and a gun with two bullets.”

WEST IN KYOTO

In September Geoffrey West, SFI President and Distinguished Professor, was a keynote speaker at the Science and Technology in Society (STS) Forum in Kyoto, Japan, and also presented a talk at the Plenary Session of the Kyoto Open Symposium along with Dr. George Atkinson, Science and Technology Advisor to the U.S. Secretary of State.

EVOLUTION OF HUMAN LANGUAGES PROJECT (EHL)

The Autumn 2006 edition of American Scholar features an article entitled, “The Man Who Loved Languages,” by Richard B. Woodward. The article commemorates the many contributions of Sergei Starostin, SFI External Professor and EHL project leader, to the study of historical linguistics. The late Dr. Starostin passed away in 2005. The article features interviews with Murray Gell-Mann and several other members of the Evolution of Human Language project.

2006 MacArthur Fellow

SFI External Professor, Lisa Curran, Professor, School of Forestry and Environmental Sciences, Yale University, has been awarded a 2006 MacArthur Foundation Fellowship. The fellowship award describes Lisa as a “Tropical Forester combining expertise in ecological processes with insights into the realities of forest communities to address deforestation and its environmental consequences in endangered areas around the world.”

MacArthur Fellowships come without stipulations or reporting requirements, offering the opportunity for Fellows to accelerate their current activities or take their work in new directions. Fellows are selected for their creativity, originality, and potential to be significant contributors in their fields. Each of the 25 MacArthur Fellows received a phone call from the Foundation informing them that they will be given $500,000 with no strings attached.

Congratulations, Lisa.

For more information on the 2006 MacArthur Fellows visit http://www.macfound.org/site/c.lkLX8MQKrH/b.1074781/k.D7EC/In_Focus.htm
BUSINESS NETWORK NEWS
http://www.santafe.edu/events/update/businessnetwork.php

OCTOBER AND NOVEMBER BUSINESS NETWORK EVENTS

Detailed information regarding the speakers and agenda of this year’s Annual Business Network Meeting as well as the upcoming Topical Meetings is now available online. The latest information on all SFI workshops and meetings, including Business Network events, can be found on the SFI Wiki: <http://www.santafe.edu/events/workshops/index.php/Main_Page>.

BUSINESS NETWORK WELCOMES PREDICTION COMPANY LLC


NOTES FROM THE INTERNATIONAL PROGRAM
http://www.santafe.edu/events/update/international.php

INTERNATIONAL FELLOWS GLOBAL MEETING

SFI hosted the first International Fellows and Visitors Global Meeting from September 15 to 19. Seventeen former International Fellows and International Visitors returned to the Institute to share their latest research, develop new collaborations, and learn about initiatives in complexity science around the world. The participants enjoyed presentations by faculty and special guests, and also had a chance to explore Northern New Mexico during a weekend trip to Star Hill Inn, a private astronomy retreat in the foothills of the Rocky Mountains.

INTERNATIONAL FELLOWS VISIT SFI

At SFI Professor Hao Bailin, former SFI International Fellow and Head of the T-Life Research Center at Fudan University in Shanghai, continued his work on DNA and protein sequences. Professor HAO also presented a seminar to the SFI community entitled, “Bacteria Phylogeny Meets Taxonomy: The Composition Vector Approach without Sequence Alignment.”

SFI International Fellow Miguel Fuentes, of the Centro Atomico Bariloche, returned to SFI to further his research with David Krakauer. Miguel will join SFI as a full-time Postdoctoral Fellow in November 2006.

Former SFI International Fellow David Storch, Research Fellow and Vice-Director, Center for Theoretical Study, and Assistant Professor, Department of Ecology, Charles University, Prague, Czech Republic, continued his work on biodiversity patterns while visiting SFI.

PUBLICATIONS
http://www.santafe.edu/events/update/publications.php
WORKING PAPERS
http://www.santafe.edu/research/publications/working-papers.php

06-09-034
Mechanical vs. Informational Components of Price Impact
J. Doyne Farmer and Neda Zamani

06-09-033
Synthetic Protocell Biology: From Reproduction to Computation
Ricard V. Solé, Andreea Munteanu, Carlos Rodríguez-Caso, and Javier Macia

06-09-032
Generic Darwinian Selection in Catalytic Protocell Assemblies
Andreea Munteanu, Camille Stephen-Otto Attolini, Steen Rasmussen, Hans Ziock, and Ricard V. Solé

06-09-031
Computation in Finitary Quantum Processes
Karoline Wiesner and James P. Crutchfield

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/calendar.php

October 4, 2006

October 19, 2006

October 31 - November 2, 2006
Workshop - “Modern Malware: Underlying Causes and Potential Solutions”, organized by Matt Williamson (Sana Security, Inc.), Esther Dyson (CNET Network and SFI), and Stephanie Forrest (University of New Mexico and SFI). Held at the Santa Fe Institute.

November 1 - 2, 2006

November 3 - 5, 2006
Meeting — “Annual Business Network and Board of Trustees Meeting,” organized by Bill Miller (Legg Mason), Geoffrey West (SFI), and Chris Wood (SFI). Held at the Santa Fe Institute and the Inn at Loretto.

November 15, 2006
Public Lecture — “Forecasting Natural Disasters in the Chaotic and Complex Earth,” by John Rundle (University of California-Davis) with Geoffrey West, organized by Ginger Richardson. Held at the James A. Little Theater.

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

Lisa Curran (10/18-29), School of Forestry & Environmental Science, Yale University. Purpose of visit: Research Collaboration. SFI host: Steve Lansing.


Matt Hahn (10/17-21), Department of Biology, Indiana University. Purpose of visit: Research Collaboration. SFI host: Jon Wilkins.

J. Stephen Lansing (10/6-12/31), Department of Anthropology, University of Arizona. Purpose of visit: Resident Faculty. SFI host: Chris Wood.

Hong Li (10/29-11/11), Intel Corporation. Purpose of visit: Business Network. SFI host: Shannon Larsen.

Regina Monaco (10/25-11/25), NASA. Purpose of visit: Visiting Research. SFI host: Ginger Richardson.

Stefan Thurner (10/16-27), Complex Systems Research Group, HNO, Medical University of Vienna. Purpose of visit: Research Collaboration. SFI host: Jon Wilkins.

Frederik Wiegel (10/30-11/25), University of Amsterdam. Purpose of visit: Research Collaboration. SFI host: Alan Perelson.