



2009 SFI Community Lectures

Since its founding, SFI has been at the forefront of increasing understanding of our world in all of its complexity. In this, our 25th anniversary year, our public lectures are devoted to asking deep questions about the big challenges that face our world, fostering insight into the future direction of scientific and humanistic knowledge.

**Tuesday, Wednesday and Thursday, September 15, 16 and 17, 7:30 pm;
James A. Little Theater, New Mexico School for the Deaf**

Free Admission

Stanislaus Ulam Memorial Lecture Series: *Adventures in the Simple and the Complex— A Tribute to Murray Gell-Mann*

Three lectures honor the lifelong work of Murray Gell-Mann, one of the founders of SFI and currently a Distinguished Fellow at the Institute. Among Gell-Mann's contributions to physics was the "eightfold way" scheme that brought order out of the chaos created by the discovery of some 100 kinds of particles in collisions involving atomic nuclei. In 1969, he received the Nobel Prize in Physics for his work on the theory of elementary particles. Gell-Mann's current interests extend to historical linguistics, archaeology, natural history, the psychology of creative thinking, and other subjects connected with biological and cultural evolution and with learning. He is now spearheading the Evolution of Human Languages program at SFI.

Host: Geoffrey B. West, President and Distinguished Professor, Santa Fe Institute

Speakers: Chris Llewellyn-Smith, Director, United Kingdom Atomic Energy Authority, Culham Science Center

Mark Pagel, Professor of Biological Sciences, University of Reading

Daniel Schrag, Sturgis Hooper Professor of Geology, Professor of Environmental Science and Engineering, Professor in the Department of Earth and Planetary Sciences at Harvard University; Member, President's Council of Advisors on Science and Technology; External Professor, Santa Fe Institute

These lectures take place at the James A. Little Theater, 1060 Cerrillos Road, Santa Fe. Admission is free but seating is limited.

Saturday, November 14, 8:00 pm; Lensic Theater

Tickets \$20 to \$46. Half-price student tickets and senior discounts are available.

Special Anniversary Event in Cooperation with the Santa Fe Symphony *Voyages of Discovery: The Parallel Lives and Inventions of Darwin and Mendelssohn*

This is a year of anniversaries: the 400th anniversary of Santa Fe, the 25th of the Santa Fe Symphony and the Santa Fe Institute, and the 200th of the births of Charles Darwin and Felix Mendelssohn. To commemorate these events, the Santa Fe Institute and the Santa Fe Symphony present an ambitious evening of science and art celebrating Voyages of Discovery. In 1831, at the age of 22, Darwin set forth on the Beagle as the ship's naturalist. On the Galapagos Archipelago, Darwin made observations and formed impressions that would revolutionize humanity's place in nature. Mendelssohn made similar travels in 1829 across the Hebrides Archipelago, and was inspired by this voyage to compose the Hebrides Overture. The evening will be organized into brief presentations covering their parallel lives, given by noted lecturers from the world of music and SFI. Intermixed with this will be performances from Mendelssohn's works, and readings from the correspondences of each written during their travels.

This program is made possible by the generous support of Sydney and Andrew Davis.

The Special Anniversary Event takes place at the Lensic Theater, 211 W. San Francisco St. Purchase tickets at 505/983-1414 or the Santa Fe Symphony website: www.santafesymphony.org.

The SFI Community Lecture series is made possible by support from local businesses and individuals. Los Alamos National Bank provides major underwriting for this program. For updates on the series, visit the events page on our website: www.santafe.edu/events/publiclectures. To arrange for sign language interpretation, please call 505/946-2749.

9/15,16,17

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