

# Fermilab

## Arts & Lecture Series

### 2011-12

#### ARTS SERIES

**Inca Son: Music & Dance  
of the Andes**

**Shangri-La Chinese  
Acrobats**

**An Evening with  
Paula Cole**

**Second City's  
Dysfunctional Holiday  
Revue**

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**Eileen Ivers  
& Immigrant Soul**

**Manya: A Living History  
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#### LECTURE SERIES

**Dr. Dan Green**  
The LHC Voyage  
of Discovery

**Dr. Young-Kee Kim**  
Topic: After the Tevatron

**Dr. Tony Wasserman**  
The Rise of Free  
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#### **Dr. Bonnie Bassler**

How Bacteria Talk  
to Each Other

#### **Dr. Rocky Kolb**

Topic: The Quantum  
and the Cosmos

#### **Dr. Stan Wojciki**

The Intensity Frontier:  
The New Challenge for  
Fermilab

#### **Drs. Stephen Macknik and Susana Martinez-Conde**

Topic: Neuroscience  
of Magic

#### **Dr. Mark Hersam**

The Age of Carbon:  
Buckyballs, Nanotubes,  
Graphene, & Beyond

## Arts Series

### Inca Son: Music & Dance of the Andes

Saturday, September 17, 2011 at 8 p.m.  
\$25/\$13 for ages 18 and under

*"The indispensable cultural ambassador of this nearly lost South American folk tradition. Their music is of the highest caliber."* —Keith Lockhart, Director, Boston Pops

INCA SON MEANS "Sound of the Incas." This world acclaimed band, founded 20 years ago in Boston by the multi-talented César Villalobos, plays the centuries-old music of the Andes of Peru, home of their Inca ancestors. In addition, Inca Son performs music from throughout Latin America, and through original, vibrant arrangements, lends an Andean flavor to well-known modern pop tunes.

Inca Son, which includes not only a full band of talented musicians but also a company of dancers who are National Peruvian Folkdance Champions, has taken its vibrant sound to some of the most prestigious stages of the world. Inca Son in concert has been called "a feast for the eyes and ears," and whether playing for presidents, dignitaries, or schoolchildren, the performance is bound to "envelop the listener and take him or her on a memorable journey to the Andes Mountains."



Inca Son

Dressed as either their Inca forebears, with feathers and gold earrings, or in the resplendent wool ponchos still worn in the Andes Mountains, Inca Son is one of the few bearers of the Inca musical legacy. With equally vibrant music, characterized by the distinctive sounds of the haunting pan-flutes or the lively charango (Andean ten-stringed guitar), Inca Son crosses barriers of language, culture, race, and age. It is a band with a truly universal appeal.

### Shangri-La Chinese Acrobats

Special start time

October 29, 2011 at 7 p.m.  
\$28/\$14 for ages 18 and under

FOR OVER 30 YEARS, the amazing Shangri-La Chinese Acrobats have performed for hundreds of universities and performing arts centers. This company flawlessly interprets the precision and grace of an art form honed by centuries of training and disciplines of Chinese acrobatics.

Their multi-faceted and multi-cultural production features dazzling acrobatic displays, formidable feats of daring and balance, explosive energy, brilliant costumes, with a touch of Chinese comedy. These daring maneuvers and death-defying acrobatic acts will have you clamoring for more!

Some of The Shangri-La Chinese Acrobats' numerous TV appearances include the Family



Shangri-La Chinese Acrobats



Coming Soon  
On-Line ticketing!  
Check our web page  
at [fnal.gov/culture](http://fnal.gov/culture)



Paula Cole

Channel's *Home & Family Show* and CNN, where they were interviewed by Christiane Amanpour. They have met many celebrities and dignitaries over the years, including President Jimmy Carter and his wife, Roslyn.

### An Evening with Paula Cole

November 19, 2011 at 8 p.m.  
\$27/\$14 for ages 18 and under

*"A singer of substance and range."*

—Los Angeles Times

PAULA COLE'S LATEST album, *Ithaca* is a welcome return by one of pop's most compelling vocalists, who has enthralled audiences with her soaring, agile soprano. Born the daughter of musicians, Cole studied jazz singing and improvisation at Boston's Berklee College of Music before attracting rapt attention as a featured vocalist on Peter Gabriel's 1993–94 *Secret World Live* tour. Cole released her debut album, *Harbinger*, in 1994, followed by 1996's self-produced *This Fire*, which spawned the two smash hits "Where Have All The Cowboys Gone?" and "I Don't Want to Wait," which became the theme for TV's *Dawson's Creek*. In 1997, Cole was nominated for seven Grammy Awards, including "Producer of the Year" and "Album of the Year," and took home the award for "Best New Artist." She was a headliner on the Lilith Fair tours, and in 1999, Cole released

her third album, *Amen*, then decided to take some time off following the birth of her daughter Sky in 2001.

Paula will be performing in an intimate trio setting.

### Second City's Dysfunctional Holiday Revue

December 10, 2011 at 8 p.m.  
\$22/\$11 for ages 18 and under

*"Legendary!"* —The New York Times

NEED A BIT OF HUMOR in your holiday festivities? Someone to commiserate with about all that goes unspoken at family holiday celebrations? Then you won't want to miss *Second City's Dysfunctional Holiday Revue!*

The Second City opened its doors on a snowy Chicago night in December of 1959.

No one could have guessed that this small cabaret theatre would become the most influential and prolific comedy theatre in the world. With its roots in the improvisational games of Viola Spolin, The Second City developed an entirely unique way of creating and performing comedy. Founded by Paul Sills, along with Howard Alk and Bernie Sahlins, The Second City was experimental and unconventional in its approach to both theatre and comedy. At a time when mother-in-law jokes were more the fashion, The Second City railed against the conformist culture with scenes that spoke to a younger generation.

Today, The Second City continues to produce the premiere comic talent in the industry. From Mike Myers to Steve Carell, Stephen Colbert to Tina Fey—The Second City imprint is felt across every entertainment medium.



Second City

## Ladysmith Black Mambazo

February 4, 2012 at 8 p.m.  
\$30/\$15 for ages 18 and under

*"It isn't merely the grace and power of their dancing or the beauty of their singing that rivets the attention, but the sheer joy and love that emanates from their being." —Paul Simon*

FOR MORE THAN FORTY years, Ladysmith Black Mambazo has married the intricate rhythms and harmonies of their native South African musical traditions to the sounds and sentiments of Christian gospel music. The result is a musical and spiritual alchemy that has touched a worldwide audience representing every corner of the religious, cultural and ethnic landscape. Their musical efforts over the past four decades have garnered praise and accolades within the recording industry, but also solidified their identity as a cultural force to be reckoned with.

A radio broadcast in 1970 opened the door to their first record contract—the beginning of an ambitious discography that currently includes more than forty recordings, garnering three Grammy Awards and fifteen nominations, including one for their most recent recording *Ilembé: Honoring Shaka Zulu*.

In the mid-1980s, Paul Simon visited South Africa and incorporated Black Mambazo's rich



Ladysmith Black Mambazo

harmonies into his *Graceland* album—a landmark 1986 recording that won the Grammy Award for Best Album and is considered seminal in introducing world music to global audiences. In addition to their work with Paul Simon, Ladysmith Black Mambazo have recorded with numerous artists from around the world, including Stevie Wonder, Josh Groban, Dolly Parton, Sarah McLaughlin, Emmylou Harris, Natalie Merchant, Mavis Staples, Ry Cooder, and Ben Harper.

Their film work includes a featured appearance in Michael Jackson's *Moonwalker* video and Spike Lee's *Do It A Cappella*. Black Mambazo provided soundtrack material for Disney's *The Lion King, Part II* as well as Eddie Murphy's *Coming To America*. A recent film documentary titled *On Tip Toe: Gentle Steps to Freedom, The story of Ladysmith Black Mambazo*, was even nominated for an Academy Award for Best Documentary.

## Eileen Ivers & Immigrant Soul

March 10, 2012 at 8 p.m.  
\$29/\$15 for ages 18 and under

EILEEN IVERS & IMMIGRANT SOUL—nine time All-Ireland Fiddle Champion, London Symphony Orchestra, National Symphony at The Kennedy Center, Boston Pops, original musical star of *Riverdance*, The Chieftains, Sting, Hall and Oates, Randy Brecker, Patti Smith, Paula Cole, Al Di Meola, Steve Gadd, founding member of Cherish the Ladies, Grammy awarded musician, movie soundtracks including *Gangs of New York*, performed for presidents and royalty worldwide—this is a short list of accomplishments, headliners, tours, and affiliations. Fiddler Eileen Ivers has established herself as the pre-eminent exponent of the Irish fiddle in the world today.

The daughter of Irish immigrants, Eileen Ivers grew up in the culturally diverse neighborhood of the Bronx, New York. Rooted in Irish traditional music since the age of eight, Eileen proceeded to win nine All-Ireland



Eileen Ivers & Immigrant Soul

Fiddle Championships, a tenth on tenor banjo, and over 30 championship medals, making her one of the most awarded persons ever to compete in these prestigious competitions.

She's been called a "sensation" by Billboard magazine and "the Jimi Hendrix of the violin" by the *New York Times*. "She electrifies the crowd with a dazzling show of virtuoso playing" says the *Irish Times*. Ivers' recording credits include over 80 contemporary and traditional albums and numerous movie scores. Her latest CD, entitled *Eileen Ivers & Immigrant Soul* continues to display why Ivers is hailed as one of the great innovators and pioneers in the Celtic and world music genres.

## Manya: A Living History of Marie Curie

Written and performed by Susan Marie Frontczak

April 21, 2012 at 8 p.m.  
\$16/\$8 for ages 18 and under

THIS ONE-WOMAN DRAMA exposes the struggles and triumphs of Madame Marie Curie (née Maria Skłodowska)—an academically impassioned, vehemently private, fervently Polish scientist, mother, and teacher. From the political oppression of her childhood, to scientific emergence and fame to the tragedy that forced her into single motherhood as well as further world prominence, this is a life that challenges our assumptions about what one person can achieve and the responsibilities of science.



Manya: A Living History of Marie Curie

For 21 years Storysmith® Susan Marie Frontczak has brought literature to life, created stories from thin air, and honed personal experience into tales worth telling again and again. She plays in theatres, corporations, schools, libraries, and festivals internationally. Her original narrative scripts and stories include *Ground Hog* heard on Morning Edition, Colorado Public Radio; *Vanishing Voices* a collaboration with Planina Balkan Women's Choir; and *Two Hearts, Four Feet* a celebration of social dance to accompany the traveling Smithsonian exhibit *Paris in the Jazz Age*.

## James Sewell Ballet

May 12, 2012 at 8 p.m.  
\$28/\$14 for ages 18 and under

*"A polished gem of a chamber dance troupe from Minnesota...one of American ballet's most inventive choreographers...Different and unpredictable, this is the company to see." —Anna Kisselgoff, the New York Times*

JAMES SEWELL BALLET was founded in New York by James Sewell and Sally Rouse and moved to Minneapolis in 1992. Combining their expertise, vision and chutzpah, they envisioned a close-knit company of dance artists



James Sewell Ballet

willing to challenge their physical limits and expand their notions about ballet.

Nearly two decades later, critically acclaimed JSB performances move and delight audiences across the country. The embodiment of the original vision is a professional company of eight dancers performing innovative work that explores the technical boundaries of ballet.

Says Clive Barnes of the *New York Post*, "One of the Twin Cities' cultural gems like the Tyrone Guthrie Theatre and the Saint Paul Chamber Orchestra... This is a company well worth catching. It wears its charms with a difference."



## Gallery Chamber Series 2012

Series tickets are \$42 and are sold as a series only until January 1. If available after that date, tickets for individual concerts are \$17. Gallery Chamber Series performances begin promptly at 2:30 p.m. in the Second Floor Art Gallery, Wilson Hall, Fermilab.

### David Schrader

Sunday, January 22, 2012 at 2:30 p.m.

EQUALLY AT HOME in front of a harpsichord, organ, piano, or fortepiano, David Schrader is "truly an extraordinary musician . . . (who) brings not only the unfailing right technical approach to each of these different instruments, but always an imaginative, fascinating musicality to all of them" (Norman Pelligrini, WFMT, Chicago). A performer of wide-ranging interests and accomplishments, Mr. Schrader has performed at the American Guild of Organists' national convention on four occasions performing as a featured artist with the Dallas Symphony Orchestra, the San Francisco Symphony Orchestra, and the Colorado Symphony Orchestra. Mr. Schrader has appeared as a soloist on organ and on harpsichord with the Chicago Symphony Orchestra having performed under the direction of Sir Georg Solti, Daniel Barenboim, and Pierre Boulez.

### Quintet Attacca

Sunday, February 12, 2012 at 2:30 p.m.

FOUNDED IN 1999, Quintet Attacca is one of Chicago's most dynamic chamber music ensembles. Grand Prize Winner of the 2002 Fischoff National Chamber Music Competition, the quintet has spent the past three years in residence with the Chicago Chamber Musicians' Professional Development Program. Quintet Attacca is also proud to be in residence at the Music Institute of Chicago and Lake Forest College.

Quintet Attacca is one of only two wind quintets in the 35-year history of the Fischoff Competition to have received the Grand Prize. In that same year, the quintet was invited

to be a finalist for Chamber Music Society Two at Lincoln Center. Quintet Attacca has reached audiences from Italy (at the 2003 Emilia Romagna Festival) to New York (at the Schneider Concerts Series at the New School) to concert halls all over Chicagoland. Recent performances have included the "First Monday Series" at the Chicago Cultural Center, Northeastern Illinois University's Jewel Box Series, and a week-long educational residency with the Fischoff Chamber Music Competition in South Bend. In January of 2008, Quintet Attacca collaborated with the Chicago Chamber Musicians to adapt and perform their popular *Quintet Idol!* show on the CCM Family Series at Navy Pier. Members include Jennifer Clippert, flute; Erica Anderson, oboe; Barbara Drapcho, clarinet; Collin Anderson, bassoon; and Jeremiah Frederick, horn.

### Arianna String Quartet

Sunday, March 4, 2012 at 2:30 p.m.

"Quartet playing does not get much better than this."—Chicago Tribune

CONTINUING OUR LONG standing relationship with the Arianna String Quartet, we are pleased to again have them close out the Gallery Chamber Series for 2012. Fermilab audiences have watched the ascent of this impeccable ensemble, from their debut at the Fischoff Competition while still a quartet-in-residence at Northern Illinois University, studying with the Vermeer Quartet, through numerous awards and prestigious performances. Stops along the way include Chicago's Orchestra Hall, Tokyo's Suntory Hall, The Dame Myra Hess Series, NPR's *Performance Today*, tours of Japan, South America, and Europe.

The Arianna String Quartet has recorded for Albany Records and Urtext Digital Classics, and recently signed a long-term contract with Centaur Records for recordings of the complete quartets of Beethoven, Bartók, Janáček, and the Mozart "Haydn" Quartets. The first of these discs, the quartets of Janáček, will be released in the fall of 2010, with recordings of Beethoven's *Op.18* quartets to follow this year. Based in St. Louis since 2000, the Arianna String Quartet serves as associate professors of their respective instruments, and quartet-in-residence at the University of Missouri—St. Louis.

## Lecture Series

Tickets for lectures are \$7. Programs begin promptly at 8 p.m. in Ramsey Auditorium.

### The LHC Voyage of Discovery

Dr. Dan Green, Fermilab  
Friday, September 23, 2011 at 8 p.m.

THE LARGE HADRON COLLIDER (LHC) in Geneva, Switzerland began data taking in early 2010 after almost 20 years of preparation, both construction and commissioning. The LHC program of physics will address some of the most profound questions in high energy physics. During an extended running period in 2011 through 2012, the CMS and ATLAS experiments expect to begin to explore new physical phenomena which will shed light on the origin of mass, dark matter, new symmetries of nature and the possible existence of extra dimensions of space.

Fermilab is the second largest group in CMS, after the CERN group, and has made major contributions to CMS in all aspects. Fermilab operates the Remote Operations Center and the LHC Physics Center. These two centers were invented to enable US physicists to participate fully in the life of the CMS analysis community. Join Dan Green as he provides the latest in LHC discoveries.

### Topic: After the Tevatron

Free! Limit 2 tickets

Dr. Young-Kee Kim, Deputy Director, Fermilab  
Friday, September 30, 2011 at 8 p.m.

YOUNG-KEE KIM, an experimental particle physicist whose research focuses on understanding the fundamental constituents of matter and the interactions between them, is a Professor of Physics in the College of The University of Chicago and the Enrico Fermi Institute. Since 2006, she has been Deputy Director of Fermilab. In this role, Kim leads and manages development and implementation of the strategic plan. Prior to her current role, Kim served as Co-director for the Collider Detector at Fermilab (CDF Run II) collaboration. Under

her watch, the CDF collaboration successfully completed two of the largest high-energy experiments ever run, representing an investment of over \$300 million with the involvement of over 800 international scientists. In 2005, Dr. Kim was awarded the Ho-Am Prize, Korea's award to 'those who have made outstanding contributions to the development of science and culture, and enhancement of the welfare of mankind.

## The Rise of Free & Open Software

Dr. Tony Wasserman, Carnegie Mellon University, Silicone Valley  
Friday, October 14, 2011 at 8 p.m.

TEN YEARS AGO, free and open source software was used primarily by software developers and hobbyists. Today, open source software has transformed the software industry, and has an important role in personal and enterprise computing, including mobile applications and cloud computing. This talk describes how that came to pass, why governments are specifying a preference for open source software, and how people are building successful businesses around open source software.

Anthony I. (Tony) Wasserman is a Professor of Software Management Practice at Carnegie Mellon Silicon Valley, and the Executive Director of its Center for Open Source Investigation (COSI), focused on evaluation and adoption of open source software. In the late 1970's he started Interactive Development Environments (IDE), and served as its CEO for 10 years. He subsequently ran software development groups for several small companies before returning to academia. Tony is a Fellow of the ACM and a Life Fellow of the IEEE.

## How Bacteria Talk to Each Other

Dr. Bonnie Bassler, Princeton University  
Friday, November 11, 2011 at 8 p.m.

BACTERIA COMMUNICATE WITH one another using small chemical molecules that they release into the environment. These molecules travel from cell to cell and the bacteria have receptors on their surfaces that allow them to detect and respond to the build up of the

molecules. This process of cell-to-cell communication in bacteria is called "Quorum Sensing" and it allows bacteria to synchronize behavior on a population-wide scale. Current biomedical research is focused on the development of novel anti-bacterial therapies aimed at interfering with quorum sensing. Such therapies could be used to control bacterial pathogenicity.

Bassler is a Howard Hughes Medical Institute Investigator and the Squibb Professor of Molecular Biology at Princeton University. The research in her laboratory focuses on the molecular mechanisms that bacteria use for intercellular communication. This process is called quorum sensing. Bassler's research is paving the way to the development of novel therapies for combating bacteria by disrupting quorum-sensing-mediated communication.

## Topic: The Quantum and the Cosmos

Dr. Rocky Kolb, University of Chicago  
Friday, January 20, 2011 at 8 p.m.

LONG BEFORE THE EMERGENCE of planets, stars, or galaxies, the universe consisted of an exploding quantum soup of "elementary" particles. Encoded in this formless, shapeless soup were seeds of cosmic structure, which over billions of years grew into the beautiful and complex universe we observe today. The lecture will explore the connection between the "inner space" of the quantum and the "outer space" of the cosmos. The inner space/outer space connection may hold the key to the nature of the dark matter holding together our galaxy and the mysterious dark energy pulling apart our universe.

Edward W. Kolb (known to most as Rocky) is the Arthur Holly Compton Distinguished Service Professor of Astronomy & Astrophysics and the College and Chair of the Department of Astronomy & Astrophysics at the University of Chicago. In 1983 he was the founding head of the Theoretical Astrophysics Group and in 2004 the founding Director of the Particle Astrophysics Center at Fermilab. The field of Rocky's research is the application of elementary-particle physics to the very early Universe. In addition to over 200 scientific papers, he is a co-author of *The Early Universe*, the standard textbook on particle physics and cosmology. Rocky has appeared in several television productions, most recently interviewing Stephen Hawking for the Discovery Channel. He can also be seen in the IMAX film *The Cosmic Voyage*.

## The Intensity Frontier: The New Challenge for Fermilab

Dr. Stan Wojciki, Stanford University  
Friday, March 23, 2012 at 8 p.m.

WITH THE ENERGY FRONTIER moving over to Europe and its Large Hadron Collider (LHC), Fermilab is making plans to increase its dominance of the Intensity Frontier. The focus of the planned program will be investigations in the area of *muon*, *kaon*, *neutrino* and nuclear studies which will probe for potential new phenomena beyond the current Standard Model of Particle Physics. These studies will be complementary to the program at the LHC by offering a different avenue to search for new physics. The upgrades of the accelerator complex being planned for this program may also pave the way for potential new facilities at Fermilab at the high energy frontier. This lecture will explain the importance of the Intensity Frontier to the world's understanding of nature and its significance to Fermilab.

Wojciki joined the faculty at Stanford University in 1966, and stayed there until his retirement in March, 2010. His research interests have spanned study of resonances, CP violation in *K* decays, search for rare *K* decays, study of *e+e-* annihilations, *muon* physics, *charm* production in hadronic interactions and most recently neutrino oscillations. He spent five years, 1983-1988, working on the initial design of the Superconducting Super Collider. In the early 90's he served for six years as the chair of the Department of Energy's High Energy Physics Advisory Panel (HEPAP).

## Topic: Neuroscience of Magic

Drs. Stephen Macknik and Susana Martinez-Conde  
Friday, April 27 at 8 p.m.

MAGIC TRICKS REQUIRE the manipulation of the audience's attention and awareness. Stephen Macknik, Susana Martinez-Conde, and their magician co-authors describe the visual and cognitive illusions that underlie many magic tricks, and the techniques that magicians use to achieve these illusions. By investigating the techniques of magic, neuroscientists can familiarize themselves with methods that they can adapt to their own purposes.

The Macknik Lab is engaged in several lines of work to understand the neural underpinnings

of visual awareness and visibility. The laboratory is also engaged in a long-term collaboration led by the Martinez-Conde Lab to understand the role of fixational eye movements in perception. (courtesy of neuralcorrelate.com)

## The Age of Carbon: Buckyballs, Nanotubes, Graphene, & Beyond

Dr. Mark Hersam, Northwestern University  
Friday, May 18, 2012 at 8 p.m.

ADVANCES IN HUMAN civilization have historically been correlated with the advent of new materials such as the stone age, bronze age, and iron age. More recently, with the broad societal impact of microelectronics, the past half-century could justifiably be labeled the silicon age. This historical precedent then begs the following question: What will be the defining material of the 21st century? With substantial progress made in research laboratories globally over the past two decades including the 1996 Nobel Prize in Chemistry for the buckyball and the 2010 Nobel Prize in Physics for graphene, it is increasingly likely that we are about to usher in the age of carbon. This lecture will provide recent highlights from the rapidly evolving field of carbon nanomaterials including molecular forms of carbon (buckyballs), cylindrical forms of carbon (nanotubes), and planar forms of carbon (graphene). In addition, the potential utility of carbon nanomaterials in real-world applications will be delineated including information technology, biotechnology, and alternative energy.

Mark C. Hersam is currently a Professor of Materials Science and Engineering, Chemistry, and Medicine at Northwestern University. His research interests include single molecule chemistry, nanofabrication, scanning probe microscopy, semiconductor surfaces, and carbon nanomaterials. In 2007, Dr. Hersam co-founded NanoIntegris, which is a start-up company focused on supplying high performance carbon nanomaterials. Dr. Hersam is actively involved in professional societies including serving as the Chair of the AVS Nanometer-scale Science and Technology Division and as Associate Editor of ACS Nano.

# General Information

## Coming Soon

On-Line ticketing!  
Check our web page  
at [fnal.gov/culture](http://fnal.gov/culture)

**Tickets are sold on a first-come, first-served basis.** Tickets may be purchased by telephone, FAX or mail. Reservations can be made by telephone, but must be paid for within five working days. Unpaid telephone reservations will not be taken during the week preceding the performance.

Discounts for those ages 18 and under are available for almost every performance and noted in parentheses in the brochure. Each person is expected to have a ticket. Out of respect for other patrons, parents are asked not to bring children in arms to performances.

**Tickets** may be charged on MasterCard or Visa, or paid for by check, which must be received within five working days of the reservation.

**Mail Order.** Send a check (payable to Fermilab) or charge authorization with the enclosed order form and a self-addressed envelope to Fermilab Arts Series, P.O. Box 500, M.S. III, Batavia, IL 60510-0500.

**Telephone.** For information and tickets call (630) 840-ARTS (2787). A voice mail system will take your confidential message during times that the box office manager is not available.

**Fax.** You can fax 24 hours a day, 7 days a week. Please fax the ticket order form along with bank card information to (630) 840-5501.

**Box Office Hours.** Monday through Friday, 9 a.m. to 4 p.m., closed for lunch. Phone: Voice (630) 840-ARTS (2787). E-mail: [audweb@fnal.gov](mailto:audweb@fnal.gov)

**Tickets are non-refundable but are exchangeable.** Exchanges must take place 7 or more days in advance of the performance.

**Group Rates** Discounts are available for groups of 10 or more. Call us for details at (630) 840-ARTS (2787). Group rates are non-refundable and non-exchangeable. This offer is not valid in conjunction with any other discount, including student discounts.

**Volume Discounts** Purchase tickets for three or more performances and receive a discount of 10% or purchase five or more tickets and receive a 20% discount. To receive the discount all tickets must be purchased at the same time. This offer is not valid in conjunction with any other discount, including student discounts.

**Wheelchair and special seating is available.** Please inform our box office of your needs.

**Hearing Assistive Devices** are available at the Future Sales desk in the lobby of Ramsey Auditorium.

**Special Parking Arrangements:** Patrons who have mobility limitations may request a special parking pass when ordering tickets. The pass, which provides closer parking to Ramsey Auditorium, will be sent to the patron along with their tickets.

**All regular Fermilab Arts & Lecture Series evening programs begin promptly at 8:00 p.m., unless otherwise noted, in Ramsey Auditorium.**



## Directions

Ramsey Auditorium is located in Wilson Hall, the central laboratory building of Fermi National Accelerator Laboratory. Entrance to Fermilab from the West is via Pine Street from Kirk Road; from the East on Batavia Road from Rte. 59. Wilson Hall is clearly visible from the Pine Street entrance. From I-88, exit north at Farnsworth, which becomes Kirk north of Butterfield Road.

**NOTE: Both the Pine Street and Batavia Road entrances are open for Arts & Lecture Series events.**

# Ticket Order Form

To order by mail, send this form along with your check or bankcard information and a self-addressed stamped envelope to: Fermilab Arts Series, P.O. Box 500, M.S. III, Batavia, IL 60510. Checks should be made out to Fermilab. Call (630) 840-ARTS (2787) or visit our web page at [www.fnal.gov/culture](http://www.fnal.gov/culture) for more information.

|            |       |            |
|------------|-------|------------|
| Name       |       |            |
| Address    |       |            |
| City       | State | Zip        |
| Work phone |       | Home phone |

**Order tickets for 3 or more performances and receive a 10% volume discount. Save 20% if you order tickets for 5 or more performances!**

(Full-price tickets only. No volume discount on the Gallery & Lecture Series)

| Concert   | Quantity/Total   | Ages 18 and Under<br>Quantity/Total |
|---|--|-------------------------------------|
| Inca Son, September 17, 2011                                | \$25 × =   | \$13** × =                          |
| Shangri-La Chinese Acrobats, October 29, 2011               | \$28 × =   | \$14** × =                          |
| Paula Cole, November 19, 2011                               | \$27 × =   | \$14** × =                          |
| Second City Holiday Revue, December 10, 2011                | \$22 × =   | \$11** × =                          |
| Ladysmith Black Mambazo, February 4, 2012                   | \$30 × =   | \$15** × =                          |
| Eileen Ivers & Immigrant Soul, March 10, 2012               | \$29 × =   | \$15** × =                          |
| Manya, April 21, 2012                                       | \$16 × =   | \$8** × =                           |
| James Sewell Ballet, May 12, 2012                           | \$28 × =   | \$14** × =                          |
|   | <b>Subtotal</b>  | <b>Subtotal</b>                     |
|   | =  |                                     |
| <b>Less 10% discount for 3 or more performances*</b>        | =  |                                     |
| <b>Less 20% discount for 5 or more performances*</b>        | =  |                                     |
| <i>Gallery Series:</i> January 22, February 12, and March 4 | \$42** × =   |                                     |
| <i>Lectures:</i> Dr. Dan Green, September 23, 2011          | \$7** × =  |                                     |
| Dr. Young-Kee Kim, September 30, 2011 <b>Limit 2</b>        | Free <input type="checkbox"/> 1 <input type="checkbox"/> 2 |                                     |
| Dr. Tony Wasserman, October 14, 2011                        | \$7** × =  |                                     |
| Dr. Bonnie Bassler, November 11, 2011                       | \$7** × =  |                                     |
| Dr. Rocky Kolb, January 20, 2012                            | \$7** × =  |                                     |
| Dr. Stan Wojciki, March 23, 2012                            | \$7** × =  |                                     |
| Drs. Macknik and Martinez-Conde, April 27, 2012             | \$7** × =  |                                     |
| Dr. Mark Hersam, May 18, 2012                               | \$7** × =  |                                     |
|   | <b>Grand total</b>   |                                     |

**Payment method**  Check enclosed  Charge to Visa/MasterCard/Discover

|             |                 |
|-------------|-----------------|
| Card number | Expiration date |
| Signature   |                 |

\*Full-price tickets only. \*\*Sorry, no discounts on student tickets, the Gallery Chamber Series, or the Lecture Series

# Fermilab Arts Series

Fermi Research Alliance LLC  
P.O. Box 500  
Batavia, IL 60510

[audweb@fnal.gov](mailto:audweb@fnal.gov)  
[www.fnal.gov/culture](http://www.fnal.gov/culture)  
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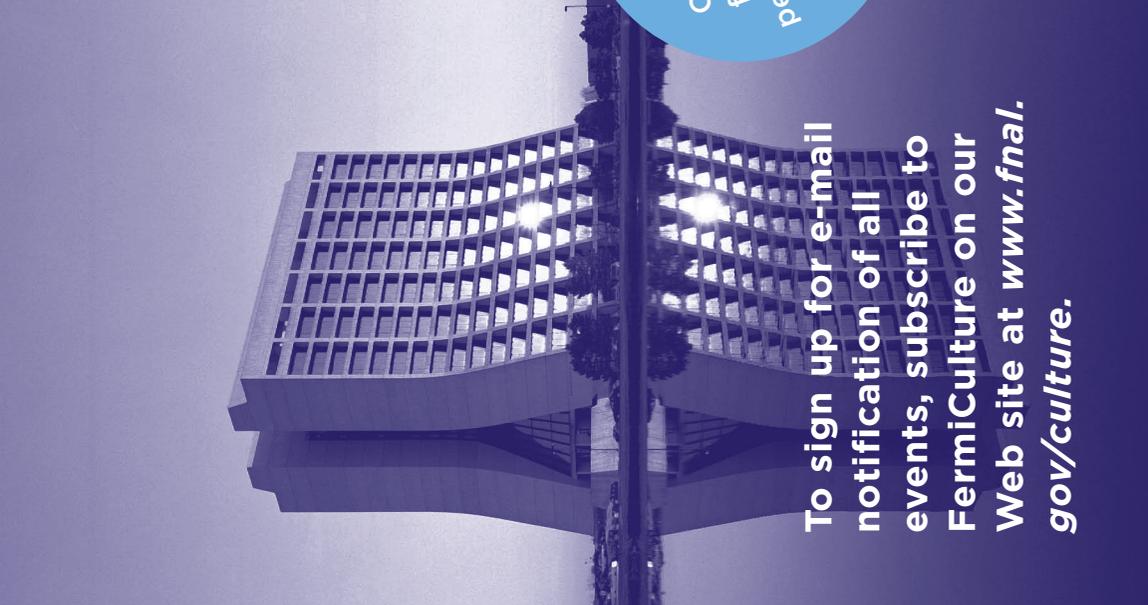
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