

# soundaXis

## Architecture X Music X Acoustics

**Thursday June 1, 12:00noon**  
**FANFARES @ FRUM – Opening Event**

**Soundstreams Canada** Barbara Frum Atrium, 250 Front St. W.  
The CBC Atrium soars in a crescendo of sound as visiting artists Stockholm Chamber Brass and European soloists join Canadian brass players in performing new commissions by Canadian and European composers.  
[www.soundstreams.ca](http://www.soundstreams.ca) 416 504 1282 Free

**Thursday June 1, 8:00pm**  
**XENAKIS BY ESPRIT – Opening Concert**

**Esprit Orchestra** Jane Mallet Theatre, 27 Front St. E.  
Esprit, conducted by Alex Pauk, presents Xenakis' *Jonchaies*, a work of volcanic energy for very large orchestra, containing some of his most melodically expressive music. The program also features John Rea's *Hommage à Vasarely*, a sonic parallel to the visual textures of the renowned abstract painter, and Alexina Louie's visceral, compelling *Imaginary Opera*.  
Pre-concert Composers in Dialogue: 7:15pm, Concert: 8:00pm  
[www.espritorchestra.com](http://www.espritorchestra.com) 416 815 7887 \$32 reg./\$16 sen./\$10 students  
Tickets at St. Lawrence Centre Box Office [www.stlc.com](http://www.stlc.com) 416 366 7723

**Wednesday May 31 – Saturday June 11**  
**XENAKIS: A PORTRAIT IN IMAGES – Opening Exhibition**

**Alliance Française de Toronto** La Galerie, 24 Spadina Rd.  
Panel portrait and biographical exhibition of revolutionary sound architect Iannis Xenakis, featuring all aspects of celebrated works and performances. Created by Centre de documentation de la musique contemporaine (Paris). Special appearance at opening by curators Françoise Xenakis and Sharon Kanach (France).

**Exhibit Opening May 31, 6:30pm**  
[www.alliance-francaise.ca](http://www.alliance-francaise.ca) 416 922 2014 for La Galerie hours. Free

**Thursday June 1 – Sunday June 11**  
**BUILDING MUSIC**

**MaRS Centre** 101 College St. Festival Hub  
*Building Music* is a project created by Barry Prophet for New Music Arts Projects in partnership with the Toronto Urban Studies Centre (Toronto District School Board). This multimedia creation program engages students in the composition of music using sounds from the urban environment. Student-produced soundtracks for architectural imagery are on display.  
[www.soundaxis.ca](http://www.soundaxis.ca) 416 925 3457 Free

**Thursday June 1 – Saturday June 4**  
**RESPONSIVE ARCHITECTURES**

**Subtle Technologies** Innis College, 2 Sussex Ave.  
This annual multidisciplinary symposium explores relationships between art and science. Juxtaposing cutting-edge artistic projects with scientific exploration, this year's theme, *Responsive Architectures*, investigates how environments and systems interact with, and respond to, their occupants.  
[www.subtletechnologies.com](http://www.subtletechnologies.com) 416 532 1761 for registration & event details

**Thursday June 1 – Sunday June 11**  
**Re:SOUNDING – Creating a New Space for Canadian Music**

**Canadian Music Centre** Chalmers House, 20 St. Joseph St.  
The CMC presents an exhibit showcasing an architectural proposal for a future home, developed by Paul Raff Studio and Colin Ripley Architects. The public is invited to a reception on **June 1st at 2:00pm** at Chalmers House to launch the exhibition, including presentations by architects Paul Raff and Colin Ripley, CMC Executive Director Elisabeth Bihl, and other guests.  
[www.musiccentre.ca](http://www.musiccentre.ca) 416 961 6601 Free

**Friday June 2, 8:00pm**  
**AERIAL VAULT**

**Arraymusic** Great Hall, Hart House, 7 Hart House Circle  
Arraymusic presents out-of-this-world music by multi-instrumentalist and virtual reality kingpin Jaron Lanier, as well as interactive work by Montréal interdisciplinary wizard Zack Settler, and Henry Kucharzyk's spatially intriguing *Room*. \$20 reg./\$10 sen./\$10 arts & culture worker/\$5 student  
[www.arraymusic.com](http://www.arraymusic.com) 416 978 8849

**Various Dates and Venues**  
**X MARKS THE SPOT**

**Toca Loca**  
Spontaneous performances in high-traffic public spaces throughout soundaXis, the Toca Loca ensemble, directed by Gregory Oh, spotlights compositions of Xenakis, Louis Andriessen, Steve Reich, and Ken Ueno.  
June 3, 10:00am: as part of Music of/in The City  
June 4, 11:00pm: Sneaky Dee's, 431 College St.  
[www.soundaxis.ca](http://www.soundaxis.ca) 416 925 3457 Free

**Saturday June 3, 10:00am**  
**MUSIC of/in THE CITY**

**Institute for Contemporary Culture** ROM Theatre, 100 Queen's Park  
Does music speak with eloquence to the challenges and sensibilities posed by the urban condition? New cultural and performance facilities are filled with old music, marvelous and rich in tradition, but what is the nature of contemporary classical or 'serious' music, compositions founded in the strategies and discourse of current reflections and thoughts? New digital technologies and electro-acoustics have broadened the scope for composer and musician, adding to the possibilities of both voice and instrument. Panelists Jonathan Burston, Rodolphe El-Khoury, Peter Hatch, Ute Lehrer, Diane Lewis, and David Lieberman (moderator), consider what is the New Music and how it speaks to a postmodern world.  
Symposium will be framed by **X Marks the Spot**.  
[www.rom.on.ca/about/icc/index.php](http://www.rom.on.ca/about/icc/index.php) 416 586 5524 Free

**Saturday June 3, 2:00pm**  
**EXPLORING NEW PLACES FOR NEW MUSIC**

**Canadian League of Composers** ROM Theatre, 100 Queen's Park  
An innovative panel of Canadian new music pioneers shares experiences, fosters ideas, and considers the complexities of producing new music in unusual venues.  
[www.clc-lcc.ca](http://www.clc-lcc.ca) Free

**Saturday June 3, 11:00am and Saturday June 10, 11:00am**  
**108—WALKING THROUGH TOKYO**

**Goethe-Institut Toronto** 163 King St. W.  
Soundscape composer Sarah Peebles and artist/architect Christie Pearson present *108—Walking through Tokyo*, a fifty-minute journey immersing viewers in the richness of the city through image and sound. This screening is contextualized by *Urban Deconstructions*, on view at Goethe-Institut Gallery, with works and videos by Alekos Hofstetter and Holger Lippmann of Berlin and architects Paul Raff and David Warne of Toronto. Presented in cooperation with the Japan Foundation.  
[www.goethe.de/ins/ca/tor/enindex.htm](http://www.goethe.de/ins/ca/tor/enindex.htm) 416 593 5257 Free

**Saturday June 3, 8:00pm**  
**SONIC ARCHITECTURE**

**Music Gallery** St. George the Martyr Church, 179 John St.  
Harpsichord virtuoso Elisabeth Chojnacka (France) explores sonic architecture in a recital of works written for her by acclaimed composers Xenakis, György Ligeti, Cristobal Hallfter, François-Bernard Mâche, Graciane Finzi, and Stephen Montague.  
[www.musicgallery.org](http://www.musicgallery.org) 416 204 1080 \$20 reg./\$15 sen./\$10 students

**Sunday June 4, 3:00pm**  
**MASSbrass**

**Soundstreams Canada, Toronto Fanfare Project**  
St. Anne's Anglican Church, 270 Gladstone Ave.  
Placed antiphonally around St. Anne's great interior space, Stockholm Chamber Brass, True North Brass, and soloists from Norway, Finland, Denmark, Canada, and the Netherlands perform new fanfares from Nordic composers, as well as music by Pärt, Takemitsu, Turnage, Hétu and others. MASSbrass will culminate in the world premiere of R. Murray Schafer's breathtaking new work, *Isfahan*.  
[www.soundstreams.ca](http://www.soundstreams.ca) 416 504 1282 \$30 reg./\$20 sen./\$5 students  
Tickets at St. Lawrence Centre Box Office [www.stlc.com](http://www.stlc.com) 416 366 7723

**Sunday June 4, 7:00pm**  
**LES AMIS DE XENAKIS**

**Les AMIS Concerts** Great Hall, Hart House, 7 Hart House Circle  
Pianist Nada Kolundzija animates Xenakis' piano solo work *Evryali*. Violinist Lynn Kuo joins her in performing compositions by Katarina Miljkovic (*Sounds of NKS*), Irena Popovic (*Silence and Nothing for whisperer and piano*), Daniel Foley (*Melopoeia for violin and piano*), and new works by Berislav Sipus, Dennis Patrick, and Michael Pepa.  
[www.lesamisconcerts.org](http://www.lesamisconcerts.org) 416 929 6262 Free

**Monday June 5 – Wednesday June 7**  
**INNER CITIES**

**Music Gallery**  
*Inner Cities*, a set of piano works by Alvin Curran traversed by pianist Stephen Clarke over three mid-day concerts, amplifies our understanding of the effect of acoustic space on our daily lives.  
June 5, 12:30pm: Lobby of Toronto Dominion Bank Tower, 55 King St. W.  
June 6, 12:00noon: Atrium of MaRS Centre, 101 College St.  
June 7, 1:00pm: Church of the Holy Trinity, 10 Trinity Square  
[www.musicgallery.org](http://www.musicgallery.org) 416 204 1080 Free

**Tuesday June 6, 2:30pm**  
**SOMETHING RICH AND STRANGE**

**Faculty of Architecture** University of Toronto, 230 College St.  
Who was 'The Architect of Sound'? Featured speaker Nouritza Matossian, British-Armenian author of the leading biography on Xenakis, introduces *Something Rich and Strange*, a 1991 BBC documentary film on the life and work of Iannis Xenakis, produced and directed by Mark Kidel.  
[www.soundaxis.ca](http://www.soundaxis.ca) 416 925 3457 Free



**Tuesday June 6, 4:00pm**

**VOX HUMANA**

**Talisker Players Chamber Music** MaRS Centre, 101 College St.

An exploration of the human voice as a pure instrument among equals, featuring works by Abigail Richardson (*Agon*), Harry Freedman (*Toccata for soprano and flute*) David Diamond (*Vocalises for voice and viola*), Ralph Vaughan Williams (*Three Vocalises for soprano and clarinet*), and Heitor Villa-Lobos (*Suite for voice and violin*), with guest artists Heidi Klann (soprano) and Vilma Indra Vitols (mezzo soprano).

www.taliskerplayers.ca 416 466 1800 Free

**Tuesday June 6, 8:00pm**

**XENAKIS AND HIS CONTEMPORARIES**

**Music Gallery/Les AMIS** St. George the Martyr Church, 179 John St.

Nada Kolundzija (piano), Lynn Kuo (violin), and Rachel Mercer (cello) present solo and duo works, featuring Iannis Xenakis' *Hunem-iduhy for violin solo*, *Kottos for cello*, and *Evryali for piano*, Morton Feldman's *Palais de Mari for piano*, and Mauricio Kagel's *Klavieretude – An Tasten for piano*, as well as excerpts from an interview with Xenakis.

www.musicgallery.org 416 204 1080

www.lesamisconcerts.org 416 929 6262 \$20 reg./\$15 sen./\$10 students

**Wednesday June 7 – Saturday June 10**

**ARCHITECTURE | MUSIC | ACOUSTICS CONFERENCE**

**Department of Architectural Science** Ryerson University, 325 Church St.

Moving outside the visual paradigm of architecture to investigate relationships between the three disciplines, this international conference focuses on strategies and techniques while encouraging an active mode of engagement with sound in architectural design. Keynote speakers include:

June 7, 6:30pm: Preeminent Canadian composer, R. Murray Schafer

June 8, 4:30pm: Finnish architect, Juhani Pallasmaa

June 9, 4:30pm: Founder of Sound Space Design, Bob Essert

June 10, 4:30pm: Architect, designer, artist, Bernhard Leitner

See www.ryerson.ca/amaconf for venues

**Wednesday June 7, 7:00pm**

**CITY SPACE & SOUND**

**Goethe-Institut Toronto** 163 King St. W.

*Birds on a Wire*, a new film by Ellen Flanders, is a two-screen projection, accompanied by jazz pianist Marilyn Lerner. Using birds as a metaphor to connect five diverse cities, the film illuminates moments of harmony between chaos and order. *Berlin: Symphony of a Great City* is Walter Ruttmann's 1927 photographic record of life in Weimar, Berlin. A timeless demonstration of the cinema's ability to enthrall on a purely visceral level, the film offers a kaleidoscopic view of a single day in the life of the bustling metropolis. Live musical accompaniment by Marilyn Lerner (piano) and Lori Freedman (clarinet).

www.goethe.de/ins/ca/tor/enindex.htm 416 593 5257 \$5 (18 yrs+)

**Thursday June 8 – Saturday June 10**

**THE CREATIVE AND SCIENTIFIC LEGACIES OF IANNIS XENAKIS**

**University of Guelph** College of Arts, School of Fine Art and Music

in association with the **Fields Institute for Research in Mathematical Sciences** and **Perimeter Institute for Theoretical Physics**, this international symposium unites researchers and artists/composers whose works form a part of the Xenakis legacy.

June 8: University of Guelph, McKinnon 107 Guelph

June 9: Fields Institute, 222 College St. Toronto

June 10: Perimeter Institute, 31 Caroline St. N. Waterloo

www.xenakislegacies.ca 519 824 4120 ext.52989

**Thursday June 8, 7:00pm**

**FOUR LINES**

**Continuum Contemporary Music**

Four Lines maps a city-wide sonic journey through the urban landscape. Routes and means of travel are determined by the inventive composer-performers Rob Clutton, Nilan Perera, Sarah Peebles, and Barnyard Drama—via ravines, laneways, streetcars, subway, bike, foot, car, supermarket trolley, or stroller. A mobile prelude to Touch Space, Four Lines converges at the Donnelly Centre performance.

See www.continuummusic.org for starting points 416 924 4945 Free

**Thursday June 8, 8:00pm**

**TOUCH SPACE**

**Continuum Contemporary Music** Donnelly Centre, 160 College St.

Imprints of sound: Xenakis' visceral *Okho* (for 3 djembes and bass drum) transforms mathematical concepts into a physically charged work of almost ritualistic power. Gossamer lines entangle in Salvatore Sciarrino's seductive *Lo Spazio Inverso*—a transparent pairing with mathematician and composer André Ristic's turbulent *Environments improvisés*. Paul Steenhuisen's new work for Continuum, *Kina Sex Tablets*, is a tribute to both Xenakis and the mind-altering world of pharmacology.

www.continuummusic.org 416 924 4945 \$20 reg./\$10 sen./\$5 students

**Friday June 9, 5:00pm**

**REFLEXIONS ON XENAKIS**

**Earshot Concerts** Fields Institute, 222 College St.

An improvised exploration of Xenakis' war-inspired writings considers how the war affected not only his art, but his life and soul. Performers Scott Good and Scott Thompson (trombones), Lori Freedman (bass clarinet), and Wallace Halladay (saxophones) accompany actor Rich Marsella (of the Lollipop People).

www.earshotconcerts.ca 416-655-6556 Free

**Friday June 9, 8:00pm**

**THE MUSIC OF IANNIS XENAKIS**

**New Music Concerts** Glenn Gould Studio, 250 Front St. W.

Featured guest artists Elisabeth Chojnacka (harpsichord / France) and Lori Freedman (bass clarinet / Canada), accompanied by a 15-piece ensemble, perform works by Xenakis, including *Echange*, *A l'île de Gorée*, *Khoai*, and *Phlegra*, and a new work by Canadian composer, James Harley.

www.newmusicconcerts.com 416 961 9594 \$25 reg./\$15 sen./\$5 students

**Saturday June 10, 2:00pm**

**XENAXIS, ARCHITECT OF CHAOS**

**MaRS Centre** Auditorium, 101 College St.

Actress, journalist, and author of the leading biography and critical study of Xenakis, Nouritza Matossian presents with image and music a retrospective of one of the most fascinating, creative, and controversial figures in music today.

www.soundaxis.ca 416 925 3457 Free

**Saturday June 10, 8:00pm**

**POWER OF SPACE**

**CONTACT Contemporary Music** and **New Adventures in Sound Art**

Ontario College of Art and Design, 100 McCaul St.

Power of Space features Xenakis' percussion masterpiece *Psappha* along with classic electro-acoustic works by Barry Truax (*River Run*), Paul Dolden (*Below the Walls of Jericho*), and Michael Gordon (*Industry*), as well as the premiere of Wende Bartley's *Oracle* featuring the CONTACT ensemble plus vocalists Maryem Tollar and David Wall. Inspired by the oracle tradition of ancient Delphi, Bartley's work is based on sound materials gathered at ancient temple sites in Greece and Malta.

www.contactcontemporarymusic.ca 416 902 7010

www.soundtravels.ca \$15 reg./\$10 sen./\$10 students

**Sunday June 11, 7:00pm**

**QUADRAPHONICS**

**NUMUS** Ontario College of Art and Design, 100 McCaul St.

A tribute to the life and work of Xenakis, this 4x4 off-road Xenakian sound exploration concert features the Penderecki, Lafayette, Rocca, and Sirius String Quartets, with conductor Vernon Regehr. The concert includes Xenakis' *Tetras* (based on Brownian motion), a new work for two spatialized string quartets by James Harley, the *Triple Quartet* by Steve Reich, and the Adagio from Mozart's *Dissonance Quartet* arranged by Jeremy Bell for four displaced quartets. A post-concert event will feature *La Légende d'Eer*, a multi-channel work of Xenakis produced for the opening of the Centre Pompidou, with projection of images from the laser/light show of the original presentation.

www.numus.on.ca 519 896 3662 \$25 reg./\$15 sen./\$15 students

**Saturday June 10, Sunday June 11**

**INSTRUMENTAL BUILDING**

**Ontario College of Art and Design** 100 McCaul St.

OCAD faculty Wende Bartley and Bentley Jarvis present new works highlighting the acoustic features of the new building. On June 10, during the concert, stations feature live musicians, electro-acoustics, and image projections, followed by the premiere of Bartley's work *Oracle*—a full ensemble performance within a multi-channel environment. *City of Glass*, a work in progress by Bentley Jarvis, is performed by live and computer-cloned musicians on June 11.

www.ocad.on.ca 416 977 6000 Free

**DOMEWORKS**

**soundaXis** and **Subtle Technologies**

Scientific and aesthetic experimentation in wrap-around realities—Diana Slattery's *Domeworks* is an experimental media work for dome-like spaces with collaborative hardware and software.

See www.soundaxis.ca for location

**June – October, 2006**

**SIGN WAVES INSTALLATIONS**

**New Adventures in Sound Art** Ward's Island, Toronto

Generating a microsound landscape, *Sonic Boardwalk*, by Kristi Allik and Robert Mulder, is a sound installation activated by the kinetic imprint of passing visitors. Boardwalk pedestrians "create" their own hybrid acoustic ecology consisting of an "orchestra" of natural and synthesized sounds. *Synthelectron* by Barry Prophet is a pedal-powered sound sculpture containing electronic sound components within a tower-like structure. Modified stationary bicycles serve as turbines to generate electricity and power modular synthesizers and theremins.

www.soundtravels.ca

**SOUNDAXIS AS SYLLABUS**

**Architecture Building**, Ryerson University, 235 Church St.

Faculties of architecture at Waterloo, Ryerson, and Toronto have integrated soundaXis, the exploration of music, architecture, and acoustics, into their curricula; works are on display for public viewing and dialogue. Free

**June 1 – 11, 2006**  
**Toronto, Canada**



In 1954, Xenakis composed his first orchestral work, *Metastases*, based on his comparisons between architectural measurements and musical timing. Soon following, he invented 'stochastic music,' which adapted probability functions to composition. A passionate advocate of the humanizing influence that music and the arts could have on the sciences, Xenakis articulated the value of interdisciplinarity, and composed over 150 works.

Born of Greek heritage in 1922, Iannis Xenakis attended boarding school on the island of Spetsai. As an engineering student in Athens during WWII, he joined the resistance to Nazi occupation. Blinded in one eye, and sentenced to death by a war tribunal, Xenakis escaped to France where he worked as an engineer with the famous architect Le Corbusier. In the height of post war revitalization, Xenakis was soon designing buildings of his own, but his secret passion was music.

*Iannis Xenakis—the only world-class composer with triple careers—as innovative architect, as the Da Vinci of modern music, and as pioneer of computer-aided music and digital arts.*—Nouritza Matossian

A philosopher of sound and space, Xenakis created works that reduced materials to fundamental principles and emphasized the intimacies and mutual definitions between music, acoustics, and architecture.



Iannis Xenakis

Thematically based on revolutionary thinker, architect, engineer, mathematician, and composer, Iannis Xenakis (1922–2001), the multifaceted breadth and scope of soundaxis is unprecedented. Xenakis' compositions will be performed alongside the works of contemporary composers, not only in the traditional domain of the concert hall, but in the din of the cacophonous sounds of a dense urbanity.

With new major cultural facilities leading the renaissance of our modern metropolis, the creative register of cultural expression on the face of our city is at an exciting threshold. Issues of sound and space, from both artistic and "quality of life" perspectives, are at the forefront of city-wide dialogues, debates, and negotiations.

Toronto is alive with architects, designers, musicians, and composers of great talent and eloquence; **soundaxis** finds an audience in the compositions of a postmodern world, and provides the stage for New Music to be heard.

Exploring the interaction and shared compositional structures between music and architecture, June 1–11, 2006 transforms Toronto into a playground of discovery through concerts, sound installations, symposia, exhibits, and screenings.

Presented by New Music Arts Projects (NMAP), this emerging city-wide celebration offers both international and local festival-goers a fresh look into the intimacies between sound and space; soundaxis' cultural and educational exploration of the fundamental ideas that permit translation from one art form to another simultaneously unearths Toronto's evolving acoustical landscape.

### Why soundaxis – Why Now?

# soundaxis

## Architecture X Music X Acoustics



**soundaxis Partner**  
MaRS Discovery District

**soundaxis Donors and Supporters**  
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**June 1 – 11, 2006**  
**Toronto, Canada**  
**[www.soundaxis.ca](http://www.soundaxis.ca)**



**Participants**

- Alliance Française
- Arraymusic
- Canadian Association for Sound Ecology
- Canadian League of Composers
- Canadian Music Centre
- CONTACT Contemporary Music
- Continuum Contemporary Music
- Earshot! Concerts
- Esprit Orchestra
- Fields Institute for Research in Mathematical Sciences
- Goethe-Institut Toronto
- Les AMIS Concerts
- MaRS Centre
- Music Gallery
- New Adventures in Sound Art
- New Music Concerts
- NUMUS
- Ontario College of Art and Design
- Royal Ontario Museum: Institute for Contemporary Culture
- Ryerson University, Department of Architectural Sciences
- Soundstreams Canada
- Subtle Technologies
- Talisker Players Chamber Music
- Toca Loca
- Toronto Urban Studies Centre
- University of Guelph, School of Fine Art and Music
- University of Toronto, Faculty of Architecture, Landscape, and Design
- University of Toronto, Hart House
- University of Waterloo, School of Architecture

**soundaXis Festival Planning Committee:** Daniel Cooper, Darren Copeland, David Lieberman, Barry Prophet, and Jennifer Waring

**soundaXis Advisory Board:** Robert Aitken, Tim Brady, Austin Clarkson, Ulla Colgrass, Jim Harley, Peter Hatch, Mark Kingwell, Dereck Revington, Colin Ripley, R. Murray Schater, Susan Serran, Alan Tregobov

**New Music Arts Projects Directors:** Lawrence Cherney, Daniel Cooper, Darren Copeland, Jennifer Waring



**soundaXis Festival Hub @ MaRS Centre, 101 College St.**

Open daily from June 1 – 11, 11am – 7pm

Access festival information and view installations including sound sculptures and Building Music—a computer-based exhibit of multimedia student works.

Pick up your Festival Passport at the Hub. A Passport entitles you to a \$5 discount on regular tickets at every ticketed concert.

MaRS Discovery District is a not-for-profit corporation founded by business and public sector leaders to improve commercial outcomes from Canada's foundation of science and technology innovation. MaRS connects and fosters collaboration between the communities of science, business and capital, and embodies the spirit of interdisciplinarity that animates **soundaXis**.



torontodartsbouncil