

8th International Conference
on New Interfaces for Musical Expression

NIME08

Casa Paganini – InfoMus Lab
Università degli Studi di Genova
Genova, Italy
June 4 – 8, 2008

Conference Program

<http://nime08.casapaganini.org>

<http://www.casapaganini.org>

<http://www.infomus.org>

In collaboration with

DIST, Università degli Studi di Genova
Facoltà di Lettere e Filosofia, Università degli Studi di Genova
Conservatorio di Musica “Niccolò Paganini”
Museo d’Arte Contemporanea Villa Croce
Ufficio Paganini, Comune di Genova
Polo del Mediterraneo per l’Arte, la Musica e lo Spettacolo
Accademia Ligustica di Belle Arti
Casa della Musica
GOG – Giovine Orchestra Genovese
AIMI (Associazione di Informatica Musicale Italiana)
Centro Italiano Studi Skrjabiniani
Goethe–Institut Genua
Fondazione Bogliasco
Fondazione Spinola
Associazione Amici di Paganini
Festival della Scienza
Radio Babboleo

With the support of

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EU ICT Project SAME (www.sameproject.eu)
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Conference Venues

(see map in the next page)

Paper sessions	Casa Paganini [1] Piazza S.Maria in Passione, 34
Poster sessions	Chiostro S.Maria di Castello [2] Via S.Maria di Castello
Demo sessions	Casa della Musica [3] Via Boccanegra
Installations	Contemporary Art Museum “Villa Croce” [4] Via Ruffini Faculty of Arts and Philosophy – University of Genova [5] Via Balbi
NIME concerts	Music Conservatory “Niccolò Paganini” Via Albaro (bus stop in [6])
Club performances	Mentelocale [7] Palazzo Ducale, Piazza Matteotti Banano Tsunami [8] Porto Antico, Piazza delle Feste Garibaldi Café [9] Via ai Quattro Canti di San Francesco Zerodieci [10] Piazza Embriaci

NIME

Locations

1. **Casa Paganini**
(Piazza S. Maria in Passione)
2. **Chiostrò S. Maria di Castello**
(Salita S. Maria di Castello)
3. **Casa della Musica**
(Via Boccanegra – Area Darsena)
4. **Museo d'Arte Contem poranea**
Villa Croce
(Via Ruffini)
5. **Facoltà di Lettere e Filosofia**
(Via Balbi)
6. **Conservatorio N. Paganini**
(Via Albaro)
[6] Via Dante, Line Bus 15
7. **Mentelocale Café (Club NIME)**
(Piazza Matteotti – Palazzo Ducale)
8. **Banano Tsunami (Club NIME)**
(Piazza delle Feste – Porto Antico)
9. **Garibaldi Café (Club NIME)**
(Via ai Quattro Cantì di San Francesco - Via Garibaldi)
10. **Zerodileci (Club NIME)**
(Piazza Embriaci)

○ REFERENCE POINT
(Piazza De Ferrari)



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Overall Program

JUNE 4, 2008

9:00 – 17:00 4th i-Maestro Workshop on Technology-Enhanced Music Education
Chiostro S.Maria di Castello

18:00 Opening concert
Casa Paganini

JUNE 5, 2008

9:00 – 9:30 Welcome address
Casa Paganini

9:00 – 18:00 Installations
Contemporary Art Museum “Villa Croce”

9:30 – 17:00 Paper sessions
Casa Paganini

10:00 – 18:00 Installations
Faculty of Arts and Philosophy – University of Genova

10:30 – 11:00 Poster sessions
Chiostro S.Maria di Castello

13:00 – 15:00 Poster sessions
Chiostro S.Maria di Castello

13:00 – 15:00 Demo sessions
Casa della Musica

19:00 Concert
Music Conservatory “Niccolò Paganini”

22:00 Club performances
Mentelocale

JUNE 6, 2008

- 9:00 – 16:30 Paper sessions
Casa Paganini
- 9:00 – 18:00 Installations
Contemporary Art Museum “Villa Croce”
- 10:00 – 18:00 Installations
Faculty of Arts and Philosophy – University of Genova
- 10:40 – 11:10 Poster sessions
Chiostro S.Maria di Castello
- 12:50 – 14:50 Poster sessions
Chiostro S.Maria di Castello
- 12:50 – 14:50 Demo sessions
Casa della Musica
- 19:00 Concert
Music Conservatory “Niccolò Paganini”
- 21:00 Club Performances
Garibaldi Café
- 22:00 Club Performances
Zerodieci

JUNE 7, 2008

- 9:00 – 16:50 Paper sessions
Casa Paganini
- 9:00 – 18:00 Installations
Contemporary Art Museum “Villa Croce”
- 10:00 – 10:30 Poster sessions
Chiostro S.Maria di Castello
- 10:30 – 12:30 Installations
Faculty of Arts and Philosophy – University of Genova
- 12:30 – 14:30 Poster sessions
Chiostro S.Maria di Castello

- 12:30 – 14:30 Demo sessions
Casa della Musica
- 16:50 – 17:20 Closing address and presentation of NIME09
Casa Paganini
- 17:20 – 18:20 NIME General Meeting
Casa Paganini
- 19:00 Concert
Music Conservatory “Niccolò Paganini”
- 20:45 Club Performances
Garibaldi Café
- 21:30 Club performances
Banano Tsunami

JUNE 8, 2008

- 9:30 – 12:30 Workshop on Techniques for Gesture Measurement
in Musical Performance
Casa Paganini
- 9:30 – 12:30 Tablet Workshop for Performers and Teachers
Chiostro S.Maria di Castello
- 14:30 – 17:30 Jamoma Workshop
Casa Paganini

Paper sessions

Casa Paganini
Piazza Santa Maria in Passione 34

JUNE 5, 2008

- 9:00 – 9:30** **Welcome address**
- 9:30 – 10:30** **Session 1: Networked music performance 1**
Chair: Andrew Gerzso
- 9:30 – 9:50 *David Kim-Boyle*
Network Musics - Play, Engagement and the Democratization of Performance
- 9:50 – 10:10 *Álvaro Barbosa*
Ten-Hand Piano: A Networked Music Installation
- 10:10 – 10:30 *Mike Wozniowski, Nicolas Bouillot, Zack Settel, Jeremy R. Cooperstock*
Large-Scale Mobile Audio Environments for Collaborative Musical Interaction
- 10:30 – 11:00** **Coffee break**
- 11:00 – 12:00** **Keynote lecture**
Andrew Gerzso, Director of the Pedagogy Department, IRCAM, Paris
The CoMeDiA EU Culture 2007 Project on Networked Performance: challenges and visions
- 12:00 – 13:00** **Panel**
How to re-experience networked performances: visions for the Internet of the Future
Participants: L.Anania, N.Bernardini, A.Camurri, G.De Poli, S.Fels, A.Gerzso, M.Ricchetti
- 13:00 – 15:00** **Lunch break**
- 15:00 – 15:40** **Session 2: Networked music performance 2**
Chair: Adrian Freed
- 15:00 – 15:20 *Angelo Fraietta*
Open Sound Control: Constraints and Limitation

15:20 – 15:40 *Matteo Bozzolan, Giovanni Cospito*
SMuSIM: a Prototype of Multichannel Spatialization System with
Multimodal Interaction Interface

**15:40 – 17:00 Session 3: Analysis of performers gesture
and gestural control of musical instruments**

Chair: R. Benjamin Knapp

15:40 – 16:00 *Chris Nash, Alan Blackwell*
Realtime Representation and Gestural Control of Musical Polytempi

16:00 – 16:20 *Mikael Laurson, Mika Kuuskankare*
Towards Idiomatic and Flexible Score-based Gestural Control
with a Scripting Language

16:20 – 16:40 *Alexandre Bouënard, Sylvie Gibet, Marcelo M. Wanderley*
Enhancing the visualization of percussion gestures
by virtual character animation

16:40 – 17:00 *Diana Young*
Classification of Common Violin Bowing Techniques
Using Gesture Data from a Playable Measurement System

JUNE 6, 2008

9:00 – 10:40 Session 4: Instruments 1
Chair: Sidney Fels

9:00 – 9:20 *Jyri Pakarinen, Vesa Välimäki, Tapio Puputti*
Slide guitar synthesizer with gestural control

9:20 – 9:40 *Otso Lähdeoja*
An Approach to Instrument Augmentation: the Electric Guitar

9:40 – 10:00 *Juhani Räisänen*
Sormina - a new virtual and tangible instrument

10:00 – 10:20 *Edgar Berdahl, Hans-Christoph Steiner, Collin Oldham*
Practical Hardware and Algorithms
for Creating Haptic Musical Instruments

10:20 – 10:40 *Amit Zoran, Pattie Maes*
Considering Virtual & Physical Aspects in Acoustic Guitar Design

10:40 – 11:10 Coffee break

11:10 – 11:50 Session 5: Instruments 2
Chair: Tina Blaine

11:10 – 11:30 *Dylan Menzies*
Virtual Intimacy : Phya as an Instrument

11:30 – 11:50 *Jennifer Butler*
Creating Pedagogical Etudes for Interactive Instruments

- 11:50 – 12:50 Session 6: Evaluation and HCI methodologies**
Chair: Michael Lyons
- 11:50 – 12:10 *Dan Stowell, Mark D. Plumbley, Nick Bryan-Kinns*
Discourse analysis evaluation method for expressive musical interfaces
- 12:10 – 12:30 *Chris Kiefer, Nick Collins, Geraldine Fitzpatrick*
HCI Methodology For Evaluating Musical Controllers: A Case Study
- 12:30 – 12:50 *Olivier Bau, Atau Tanaka, Wendy Mackay*
The A20: Musical Metaphors for Interface Design

12:50 – 14:50 Lunch break

- 14:50 – 16:30 Session 7: Sensing systems and measurement technologies**
Chair: Joseph Paradiso

- 14:50 – 15:10 *Tobias Grosshauser*
Low Force Pressure Measurement:
Pressure Sensor Matrices for Gesture Analysis, Stiffness Recognition
and Augmented Instruments
- 15:10 – 15:30 *Giuseppe Torre, Javier Torres, Mikael Fernstrom*
The development of motion tracking algorithms
for low cost inertial measurement units - POINTING-AT -
- 15:30 – 15:50 *Adrian Freed*
Application of new Fiber and Malleable Materials
for Agile Development of Augmented Instruments and Controllers
- 15:50 – 16:10 *Alain Crevoisier, Greg Kellum*
Transforming Ordinary Surfaces Into Multi-touch Controllers
for Creating Haptic Musical Instruments
- 16:10 – 16:30 *Nicholas Ward, Kedzie Penfield, Sile O'Modhrain, R. Benjamin Knapp*
A Study of Two Thereminists:
Towards Movement Informed Instrument Design

JUNE 7, 2008

- 9:00 – 10:40 Session 8: Active listening to sound and music content**
Chair: Xavier Serra

- 9:00 – 9:20 *Vassilios-Fivos A. Maniatakos, Christian Jacquemin*
Towards an affective gesture interface
for expressive music performance
- 9:20 – 9:40 *Anna Källblad, Anders Friberg, Karl Svensson,*
Elisabet Sjöstedt Edelholm
Hoppsa Universum – An interactive dance installation for children
- 9:40 – 10:00 *Antonio Camurri, Corrado Canepa, Paolo Coletta,*
Barbara Mazzarino, Gualtiero Volpe
Mappe per Affetti Erranti: a Multimodal System
for Social Active Listening and Expressive Performance

- 10:00 – 10:30** **Coffee break**
- 10:30 – 11:30** **Keynote lecture**
*Xavier Serra, Director of the Music Technology Group,
 Universitat Pompeu Fabra, Barcelona*
 Technological development in the current social context: Who is really
 in control?
- 11:30 – 12:30** **Panel**
 Research directions in active listening and embodied music cognition
*Participants: F. Bevilacqua, R. Bresin, S. Serafin, X. Serra,
 V. Valimaki, G. Volpe.*
- 12:30 – 14:30** **Lunch break**
- 14:30 – 15:10** **Session 9: Agent-based systems**
Chair: Giovanni De Poli
- 14:30 – 14:50* *Sergio Canazza, Antonina Dattolo*
 New data structure for old musical open works
- 14:50 – 15:10* *Arne Eigenfeldt, Ajay Kapur*
 An Agent-based System for Robotic Musical Performance
- 15:10 – 16:50** **Session 10: Sensing systems and measurement technologies**
Chair: Stefania Serafin
- 15:10 – 15:30* *Maurizio Goina, Pietro Polotti*
 Elementary Gestalts for Gesture Sonification
- 15:30 – 15:50* *Stefano Delle Monache, Pietro Polotti,
 Stefano Papetti, Davide Rocchesso*
 Sonic Augmented Found Objects with a Scripting Language
- 15:50 – 16:10* *Jean-Marc Pelletier*
 Sonified Motion Flow Fields as a Means of Musical Expression
- 16:10 – 16:30* *Josh Dubrau, Mark Havryliv*
 P[a]ra[pra]xis: Poetry in Motion
- 16:30 – 16:50* *Jan C. Schacher*
 davos soundscape, a location based interactive composition
- 16:50 – 17:20** **Closing address and presentation of NIME09**

Poster sessions

Chiostro S. Maria di Castello
Via S. Maria di Castello

JUNE 5, 2008, 10:30 – 11:00 and 13:00 – 15:00

Andy Schmeder, Adrian Freed

uOSC: The Open Sound Control Reference Platform for Embedded Devices

Timothy Place, Trond Lossius, Alexander Refsum Jensenius

Addressing Classes by Differentiating Values and Properties in OSC

Ananya Misra, Georg Essl, Michael Rohs

Microphone as Sensor in Mobile Phone Performance

Nicolas Bouillot, Mike Wozniowski, Zack Settle, Jeremy R. Cooperstock

A Mobile Wireless Augmented Guitar

Robert Jacobs, Mark Feldmeier, Joseph A. Paradiso

A Mobile Music Environment Using a PD Compiler and Wireless Sensors

Ross Bencina, Danielle Wilde, Somaya Langley

Gesture \approx Sound Experiments: Process and Mappings

Miha Ciglar

“3rd. Pole” - a Composition Performed via Gestural Cues

Kjetil Falkenberg Hansen, Marcos Alonso

More DJ techniques on the reactable

Smilen Dimitrov, Marcos Alonso, Stefania Serafin

Developing block-movement, physical-model based objects for the Reactable

Jean-Baptiste Thiebaut, Samer Abdallah, Andrew Robertson

Real Time Gesture Learning and Recognition: Towards Automatic Categorization

Mari Kimura

Making of VITESSIMO for Augmented Violin:

Compositional Process and Performance

Joern Loviscach

Programming a Music Synthesizer through Data Mining

Kia Ng, Paolo Nesi

i-Maestro: Technology-Enhanced Learning and Teaching for Music

JUNE 6, 2008, 10:40 – 11:10 and 12:50 – 14:50

Niall Coghlan, R. Benjamin Knapp

Sensory Chairs: a System for Biosignal Research and Performance

Andrew B. Godbehere, Nathan J. Ward

Wearable Interfaces for Cyberphysical Musical Expression

Kouki Hayafuchi, Kenji Suzuki

MusicGlove: A Wearable Musical Controller for Massive Media Library

Michael Zbyszynski

An Elementary Method for Tablet

Gerard Roma, Anna Xambó

A tabletop waveform editor for live performance

Greg Corness

Performer model: Towards a Framework for Interactive Performance
Based on Perceived Intention

Paulo Cesar Teles, Aidan Boyle

Developing an “Antigenous” Art Installation
Based on A Touchless Endo-system Interface

Silvia Lanzalone

The ‘suspended clarinet’ with the ‘uncaused sound’.
Description of a renewed musical instrument

Mitsuyo Hashida, Yosuke Ito, Haruhiro Katayose

A Directable Performance Rendering System: Itopul

Anders Vinjar

Bending Common Music with Physical Models

Parag Chordia, Alex Rae

real-time Raag Recognition for Interactive Music

Gabriel Gatzsche, Markus Mehnert, Christian Stöcklmeier

Interaction with tonal pitch spaces

Margaret Schedel, Alison Rootberg, Elizabeth de Martelly

Scoring an Interactive, Multimedia Performance Work

William R. Hazlewood, Ian Knopke

Designing Ambient Musical Information Systems

JUNE 7, 2008, 10:00 – 10:30 and 12:30 – 14:30

Aristotelis Hadjakos, Erwin Aitenbichler, Max Mühlhäuser
The Elbow Piano: Sonification of Piano Playing Movements

Yoshinari Takegawa, Tsutomu Terada, Masahiko Tsukamoto
UnitKeyboard: an Easy Configurable Compact Clavier

Cléo Palacio-Quintin
Eight Years of Practice on the Hyper-Flute:
Technological and Musical Perspectives

Edgar Berdahl, Julius O. Smith III
A Tangible Virtual Vibrating String

Christian Geiger, Holger Reckter, David Paschke, Florian Schutz, Cornelius Pöpel
Towards Participatory Design and Evaluation
of Theremin-based Musical Interfaces

Tomás Henriques
META-EVI: Innovative Performance Paths with a Wind Controller

*Bart Kuyken, Wouter Verstichel, Frederick Bossuyt, Jan Vanfleteren,
Michiel Demey, Marc Leman*
The HOP sensor: Wireless Motion Sensor

Ioannis Zannos, Jean-Pierre Hébert
Multi-Platform Development of Audiovisual and Kinetic Installations

Robin Price, Pedro Rebelo
Database and mapping design for audiovisual prepared radio set installation

Kazuhiro Jo, Norihisa Nagano
Monalisa: “see the sound, hear the image”

Andrew Robertson, Mark D. Plumbley, Nick Bryan-Kinns
A Turing Test for B-Keeper: Evaluating an Interactive Real-Time Beat-Tracker

Andrea Valle
Integrated Algorithmic Composition. Fluid systems
for including notation in music composition cycle

Andrea Valle
GeoGraphy: a real-time, graph-based composition environment

Demo sessions

Casa della Musica
Via Boccanegra

JUNE 5, 2008, 13:00 – 15:00

Kenji Suzuki, Miho Kyoya, Takahiro Kamatani, Toshiaki Uchiyama
beacon: Embodied Sound Media Environment for Socio-Musical Interaction

Giuseppe Torre, Javier Torres, Mikael Fernstrom
The development of motion tracking algorithms
for low cost inertial measurement units - POINTING-AT –

Eva Sjuve
Prototype GO: Wireless Controller for Pure Data

Lesley Flanigan, Andrew Doro
Plink Jet

Staas De Jong
The Cyclotactor : Towards a Tactile Platform for Musical Interaction

Ayaka Endo, Yasuo Kuhara
Rhythmic Instruments Ensemble Simulator
Generating Animation Movies Using Bluetooth Game Controller

Amit Zoran, Pattie Maes
Considering Virtual & Physical Aspects in Acoustic Guitar Design

JUNE 6, 2008, 12:50 – 14:50

Stuart Favilla, Joanne Cannon, Tony Hicks, Dale Chant, Paris Favilla
Gluisax: Bent Leather Band's Augmented Saxophone Project

Sean Follmer, Chris Warren, Adnan Marquez-Borbon
The Pond: Interactive Multimedia Installation

Yusuke Kamiyama, Mai Tanaka, Hiroya Tanaka
Oto-Shigure: An Umbrella-Shaped Sound Generator for Musical Expression

Robert Macrae, Simon Dixon
From toy to tutor: Note-Scroller is a game to teach music

Ethan Hartman, Jeff Cooper, Kyle Spratt
Swing Set: Musical Controllers with Inherent Physical Dynamics

Yoshinari Takegawa, Tsutomu Terada, Masahiko Tsukamoto
UnitKeyboard: an Easy Configurable Compact Clavier

Michiel Demey, Marc Leman, Frederick Bossuyt, Jan Vanfleteren
The Musical Synchrotron: using wireless motion sensors
to study how social interaction affects synchronization with musical tempo

Alexandre Bouënard, Sylvie Gibet, Marcelo M. Wanderley
Enhancing the visualization of percussion gestures by virtual character animation

JUNE 7, 2008, 12:30 – 14:30

Keith A. McMillen
Stage-Worthy Sensor Bows for Stringed Instruments

Edgar Berdahl, Hans-Christoph Steiner, Collin Oldham
Practical Hardware and Algorithms for Creating Haptic Musical Instruments

Alain Crevoisier, Greg Kellum
Transforming Ordinary Surfaces Into Multi-touch Controllers

Dan Stowell, Mark D. Plumbley, Nick Bryan-Kinns
Discourse analysis evaluation method for expressive musical interfaces

Paul Modler, Tony Myatt
Video Based Recognition of Hand Gestures by Neural Networks
for The Control of Sound and Music

Juhani Räsänen
Sormina - a new virtual and tangible instrument

Otso Lähdeoja
An Approach to Instrument Augmentation: the Electric Guitar

Concerts

JUNE 4, 2008, 18:00

Opening concert

Casa Paganini
Piazza S. Maria in Passione, 34

Roberto Girolin
Lo specchio confuso dall'ombra

Nicola Ferrari
The Bow is bent and drawn

Giorgio Klauer
Tre aspetti del tempo per iperviolino e computer

Alessandro Sartini
Aurora Polare

JUNE 5, 2008, 19:00

Music Conservatory "Niccolò Paganini"
Via Albaro

Thomas Ciuffo
Silent Movies: an improvisational sound/image performance

Pascal Baltazar
Pyrogenesis

Stuart Favilla, Joanne Cannon, Tony Hicks
Heretic's Brew

Mark Alexander Bokowiec, Julie Wilson-Bokowiec
The Suicided Voice

JUNE 6, 2008, 19:00

Music Conservatory "Niccolò Paganini"
Via Albaro

Martin Messier, Jacques Poulin-Denis
The Pencil Project

Mark Alexander Bokowiec, Julie Wilson-Bokowiec
Etch

Keith Hamel, François Houle, Aleksandra Dulic
Intersecting Lines

JUNE 7, 2008, 19:00

Music Conservatory "Niccolò Paganini"
Via Albaro

Alison Rootberg, Margaret Schedel
The Color of Waiting

Chikashi Miyama
Keo Improvisation for sensor instrument Qgo

Ge Wang, Georg Essl, Henri Penttinen
MoPhO - A Suite for Mobile Phone Orchestra

Club Performances

JUNE 5, 2008, 22:00

*Mentelocale
Piazza Matteotti*

*Renaud Chabrier, Antonio Caporilli
Drawing / Dance*

JUNE 6, 2008, 21:00

*Café Garibaldi
Via ai Quattro Canti di San Francesco*

*Silvia Lanzalone
Il suono incausato, improvise-action
for suspended clarinet, clarinetist and electronics (2005)
Clarinetist: Massimo Munari
Edizioni Suvini Zerboni – Sugarmusic s.p.a*

JUNE 6, 2008, 22:00

*Zerodieci
Piazza Embriaci*

*Luka Dekleva, Miha Ciglar, Luka Prinčič
FeedForward Cinema*

*Greg Corcoran, Hannah Drayson, Miguel Ortiz Perez, Koray Tahiroglu
The Control Group*

JUNE 7, 2008, 20:45

Café Garibaldi
Via ai Quattro Canti di San Francesco

Jane Rigler
Traces/Huellas (for flute and electronics)

JUNE 7, 2008, 21:30

Banano Tsunami
Porto Antico, Piazza delle Feste

Nicolas d'Alessandro
Cent Voies

Cléo Palacio-Quintin, Sylvain Pohu
Improvisation for hyper-flute, electric guitar and real-time processing

Nicolas d'Alessandro, Sylvain Pohu
Improvisation for Guitar/Laptop and HandSketch

Ajay Kapur
Anjuna's Digital Raga

Installations

EVERYDAY, 9:00 – 18:00

*Contemporary Art Museum “Villa Croce”
Via Ruffini*

*Jeff Talman
Mirror of the moon*

*Joo Youn Paek
Fold Loud*

*Kenneth Newby, Aleksandra Dulic, Martin Gotfrit
in a thousand drops... refracted glances*

*Jared Lamenzo, Mohit Santram, Kuan Huan, Maia Marinelli
Soundscaper*

*Pasquale Napolitano, Stefano Perna, Pier Giuseppe Mariconda
SoundBarrier_*

*Frederik de Wilde
EOD04*

**JUNE 5 and JUNE 6, 2008, 10:00 – 18:00
JUNE 7, 2008, 10:30 – 12:30**

*Faculty of Arts and Philosophy – University of Genova
Via Balbi*

*Olly Farshi
Habitat*

*Art Clay, Dennis Majoe
China Gates*

Workshops

JUNE 4, 2008, 9:00 – 17:00

*Chiostro S. Maria di Castello
Via S. Maria di Castello*

Kia Ng
4th i-Maestro Workshop on Technology-Enhanced Music Education

JUNE 8, 2008, 9:30 – 12:30

*Chiostro S. Maria di Castello
Via S. Maria di Castello*

Michael Zbyszyński
Tablet Workshop for Performers and Teachers

JUNE 8, 2008

*Casa Paganini
Piazza S. Maria in Passione*

9:30 – 12:30 *R. Benjamin Knapp, Marcelo Wanderley, Gualtiero Volpe*
Techniques for Gesture Measurement in Musical Performance

14:30 – 17:30 *Alexander Refsum Jensenius, Timothy Place, Trond Lossius,*
Pascal Baltazar, Dave Watson
Jamoma Workshop

The 4th Sound and Music Computing Summer School

JUNE 9 - 11, 2008, 9:00 – 18:00

Casa Paganini
Piazza S. Maria in Passione

This Summer School is organized by Casa Paganini - InfoMus Lab, with the goal of promoting interdisciplinary education and research in the field of Sound and Music Computing (SMC). The School is aimed at graduate students working on their Master or PhD thesis, but it is open to any person carrying out research in this field.

This is the fourth SMC Summer School. The first two were organized by the EU Coordination Action IST-FET S2S² (Sound to Sense – Sense to Sound) in Genova (2005) and Barcelona (2006). Last year the Summer School took place in Stockholm.

Teachers / Scientific Committee: Nicola Bernardini (Conservatory of Padova), Roberto Bresin (Royal Institute of Technology, Stockholm), Antonio Camurri (University of Genova), Roberto Doati (Conservatory of Genova), Federico Avanzini (University of Padova), Giovanni De Poli (University of Padova), Goffredo Haus (University of Milano), Alexander Jensenius (University of Oslo), Ben Knapp (Queens University of Belfast), Marc Leman (Ghent University), Barbara Mazzarino (University of Genova), Sylviane Sapir (Conservatory of Como), Augusto Sarti (Politecnico di Milano), Uwe Seifert (University of Koln), Stefania Serafin (Aalborg University Copenhagen), Xavier Serra (Pompeu Fabra University), Gualtiero Volpe (University of Genova)

Academic Program: 12 hours of lectures on this year main topics of the School; 3 hours of oral presentations by the participating students and discussions on their research work with the committee/teachers; poster presentations by the participating students during coffee breaks (1 hour every day of the School); 6 hours hands-on activities by the participating students in collaboration with the committee/teachers of the School.

This year the SMC Summer School is held in connection with the NIME08 Conference. The participating students will have free access to the NIME Workshops on June 4 and June 8, including oral presentations and discussions by experts from industries and by leaders of EU funded projects in the field of Sound and Music Computing.

Lectures are designed to be of interest to any graduate student or researcher in the field of Sound and Music Computing. The topics chosen for this year are Gesture and Music - Embodied Music Cognition, Mobile Music Systems and Active Music Listening.