

Sunday, June 4

Monday, June 5

Tuesday, June 6

Wednesday, June 7

Thursday, June 8

9:00 IRCAM, Lobby
Registration

10:00 Workshop, Salle Stravinsky
Improvisation with Computers

Workshop, Studio 5
Choreographic Computations: Motion Capture and Analysis for Dance

13:00

14:30 Workshop, Salle Stravinsky
Improvisation with Computers

Workshop, Studio 5
Choreographic Computations: Motion Capture and Analysis for Dance

18:00

9:00 IRCAM, Lobby
Registration

10:00 **Welcome**
Paper Session, Espace de Projection
Mobile and Public
Mobile Music Technology: Report on an Emerging Community
Lalya Gaye, Lars Erik Holmquist, Frauke Behrendt, Atsu Tanaka
A Framework for Spatial Interaction in Locative Media
Atsu Tanaka, Petra Gemeinboeck
CaMus: Live Music Performance using Camera Phones and Visual Grid Tracking
Michael Rohs, Georg Essl, Martin Roth
Pocket Gamelan: tuneable trajectories for flying sources in Mandala 3 and Mandala 4
Greg Schiemer, Mark Havryliv
Interactive Public Sound Art: a case study
David Birchfield, Kelly Phillips, Assegid Kidane, David Lorig

coffee break

12:00 **Keynote, Espace de Projection**
George Lewis
Living with Creative Machines: A Composer Reflects

13:00 **Poster and Demo Session, Labo 5 & Studio 5**
Sensors, Interfaces and Mapping

13:30

14:00 **Scheduled Demo Session, Studio 5**

14:30

15:00

15:30 Paper Session Espace de Projection
Networked and Collaborative
Decay in Collaborative Music Making
Nick Bryan-Kinns, Patrick Healey
JamSpace: Designing A Collaborative Networked Music Space for Novices
Michael Gurevich
Creating a Network of Integral Music Controllers
Benjamin Knapp, Perry Cook
Perturbation Techniques for Multi-Performer or Multi-Agent Interactive Musical Interfaces
Matthew Burtner
Senseable: A Wireless, Compact, Multi-User Sensor System for Interactive Dance
Ryan Aylward, Joseph Paradiso

17:00 **Poster and Demo Session, Labo 5 & Studio 5**

18:00

18:30 **Concert, Espace de Projection**
NIME Performances
Voice and Infrared Sensor Shirt, Tomomi Adachi
Solo Performance for Indeterminate..., John Richards (aka kREEPA)
Pieces for Plants #7, Miya Masaoka
Sight Sound -Phenakistoscope-, Saburo Hirano
Mouseketier Praxis, Mark Applebaum
Children of Grainger, Bent Leather Band

22:00 **Concert, Triptyque**
Club NIME I
Revelations, Juraj Kojis
Audile : Electronic Improvisations, Yutaka Makino and dj sniff
Hymn to Ampere, The Breadboard Band
Modal Kombat, David Hindman and Evan Drummond
sCrAmBIEd?HaCKz!, Sven König
Guest Performance, eRikm

9:00 IRCAM, Entrance
Registration

9:30 Paper Session, Espace de Projection
Real and Virtual, Spatial and Graphical
The ZKM Klangdom
Chandrasekhar Ramakrishnan, Joachim Gossmann, Ludger Brümmner
A framework for immersive spatial audio performance
Mike Wozniowski, Zack Settel, Jeremy Cooperstock
An Architectural Framework for Interactive Music Systems
Alexandre Francois, Elaine Chew
..... coffee break
Transmodal Feedback as a New Perspective for Audio-visual Effects
Christian Jacquemin, Serge de Laubier
Screen-Based Musical Interfaces as Semiotic Machines
Thor Magnusson
Different Strokes: a Prototype Software System for Laptop Performance and Improvisation
Mark Zadel, Gary Scavone
TENORI-ON
Yu Nishibori, Toshio Iwai

12:00 **Keynote, Espace de Projection**
William Gaver
Listening to the World: Information and Aesthetics

13:00 **Poster and Demo Session, Labo 5 & Studio 5**
Gesture Controlled Audio Systems
Tables and Screens

14:00 **Scheduled Demo Session, Studio 5**

14:30

15:00

15:30 Paper Session, Espace de Projection
Instrument Design
Towards a Coherent Terminology and Model of Instrument Description and Design
Tellef Kvifte, Alexander R. Jensenius
Vibratacile Feedback in Digital Musical Instruments
Mark Marshall, Marcelo Wanderley
Paper FSRs and Latex/Fabric Traction Sensors: Meth. for the Dev. of Home-Made Touch Sensors
Rodolphe Koehly, Marcelo Wanderley, Denis Curail
Creating Ad Hoc Instruments with Pin&Play&Perform
John Bowers, Nicolas Villar
Synthesis and control of everyday sound reconstructing Russolo's Intonarumori
Stefania Serafin, Amalia De Goetzen, Niels Böttcher, Steven Gelinek

17:00 **Poster and Demo Session, Labo 5 & Studio 5**

18:30 **Level -2**
Cocktail NIME 06

21:00 **Concert, Espace de Projection**
Special Guests
Vista, Tricot, Mari Kimura
Trio Improvisation, George Lewis and Alexander von Schlippenbach
Le Loup, Lifting, Crackle, Noise, Nevrose, Sensors_Sonics_Sights
On composing the now, Michel Waisvisz

22:00

9:00 IRCAM, Entrance
Registration

9:30 Paper Session, Espace de Projection
Brain, Hands, and Expression
Interactive Sonification of Neural Activity
Gil Weinberg, Travis Thatcher
Non haptic control of music... 14 years of experience with the «Caméra Musicale»
Jacques Rémus
MICONA Music Stand for Interactive Conducting
Jan Borchers, Aristotelis Hadjakos, Max Mühlhäuser
conga: A Framework for Adaptive Conducting Gesture Analysis
Eric Lee, Ingo Gruell, Henning Kiel, Jan Borchers
..... coffee break
Real-time CALM Synthesizer: New Approaches in Hands-Controlled Voice Synthesis
Nicolas D'Alessandro, Christophe d'Alessandro, Sylvain Le Beux, Boris Doval
GRASSP: Gesturally-Realized Audio, Speech and Song Performance
Bob Pritchard, Sidney Fels
The 'E' in NIME: Musical Expression with New Computer Interfaces
Christopher Dobrian, Daniel Koppelman

12:00 **Panel Discussion with Performers moderated by**
Michel Waisvisz
Manager or Musician?
About virtuosity in live electronic music.

13:00 **Poster and Demo Session, Labo 5 & Studio 5**
Instruments, Performances, and Installations

14:00 **Scheduled Demo Session, Studio 5**

14:30

15:00

15:30 Paper Session, Espace de Projection
Augmented Instruments and Accompaniment
Hyper-shaku (Border-crossing): Towards the Multi-modal Gesture-controlled Hyper-Instrument
Kirsty Belharz, Joanne Jakovich, Sam Ferguson
Adapting the trombone: A suite of electro-acoustic interventions for the piece Rouse
Neal Farwell
The Augmented Djembe Drum - Sculpting Rhythms
Teemu Mäki-Patola, Perttu Hämmäläinen, Aki Kanerva
Children of Grainger: Leather Instruments for Free Music
Stuart Favilla, Joanne Cannon
..... coffee break
Managing Gesture and Timbre for Analysis and Instrument Control in an Interactive Environment
William Hsu
Integrated Interactive Music Performance Environment
Keith Hamel
Learning Musical Instrument Skills Through Interactive Sonification
Sam Ferguson

17:00 **Poster and Demo Session, Labo 5 & Studio 5**

17:30

18:30

19:00

21:00 **Concert, Point Éphémère**
Club NIME II
Circumference Cycles, Chris Strollo, Tina Blaine, Robin Stanaway
Dual Airbags, Ben Neill and Nicolas Collins
*reactTable**, Sergi Jordà and Chris Brown
Connected Spaces, Satoru Higa and Akihiro Kubota
backscatter, Robin Fox

22:00

9:00

10:00 **Special Session, Salle Stravinsky & Studio 5**
Digital Interfaces for the Violin Family
Recent Developments in Violin-related Digital Musical Instruments: Where Are We and Where Are We Going?
Cornelius Poepel, Dan Overholt
Composing for Hyperbow: A Collaboration Between MIT and the Royal Academy of Music
Diana Young, Patrick Nunn, Artem Vassiliev
The augmented violin project: research, composition and performance report
Frédéric Bevilacqua, N. Rasamimanana, E. Fléty, S. Lemouton, F. Baschet
Auditory Illusion and Violin: Demonstration of a Work by Jean-Claude Risset written for Mari Kimura
Mari Kimura, Jean-Claude Risset
Augmenting the Cello
Adrian Freed, Frances Marie Uitti, Michael Zbyszynski, David Wessel
..... coffee break

12:00 **Virtual Musical Instrument - Virtual Violin, The SuperPalm: Its Technological Aspects and The Application to A Composition**
Suguru Goto, Patrice Pierrot, Alain Terrier (additional presentation)
A sensors and sound analysis system for live improvisation and composition with violin, hurdy-gurdy and virtual instruments
Stevie Wishart, Todor Todoroff (additional presentation)

13:00

14:00

15:00

15:30 **Workshop, Studio 5**
Network Performance

18:00

19:00 **Concert, ArsLongo**
NIME Gallery
Mandala 3 and Mandala 4, Greg Schiemer
Bowl Chant, Garth Paine and Michael Atherton
Live Fire, Ximena Franco and Enrique Franco
Jam'aa, Gil Weinberg
ATT, Georg Holzmann

21:00

22:00 **Concert, Point Éphémère**
Club NIME III
piano works, Antoine Schmitt
chdh, Cyrille Henry and Nicolas Montgermont
I ProVisTruments, Cyrille Brissot, Emilie Simon, Olivier Pasquet, Cyril Hernandez
I.D.L. (Icon of Desire Lost), Alice Daquet

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22:00

NIME 06

Sessions & Concerts
Salle Igor Stravinsky, IRCAM Level 0
Labo 5, IRCAM Level -2
Studio 5, IRCAM Level -2
Espace de Projection, IRCAM Level -4

Club & Gallery
Triptyque
Point Éphémère
ArsLongo