

REGISTRATION AND OPENING	
(Culture Center: Foyer)	
09:00-09:45	Registration
10:00-13:00	Opening and Keynote Lectures
10.00-10.45	Welcome Statements (Perfect of Lefkada, Mayor of Lefkada, President and vice-president of the conference)
11.00-12:00	<b>J. C. Risset:</b> Fifty Years of Digital Sound for Music
12.00-13.00	<b>J. Sundberg:</b> Synthesising Singing

PAPER SESSIONS	
(Culture Center: Conference Hall)	
16.30-17.45	Session 1: Audio Synthesis (chair:S.Serafin)
<b>F. Poyer, C. Cadoz:</b> Sound synthesis and musical composition by physical modelling of self-sustained oscillating structures	
<b>C. Rizzuti:</b> Mapping chaotic dynamical systems into timbre evolution	
<b>P. Tzevelekos, T. Perperis, V. Kyritsi, G.Kouroupetroglou:</b> A component-based framework for the development of virtual musical instruments based on physical modeling	
18:00-19:00	Session 2: Multimedia (chair C.Cadoz)
<b>Y. Deliyannis, A. Floros, C. Tsakostas:</b> Advanced sound manipulation in interactive multimedia environments	
<b>C. Le Prado, S. Natkin:</b> LISTEN LISBOA: Scripting languages for interactive musical installations	
<b>E. Lemi, A. Georgaki:</b> Reviewing the transformation of sound to image	

DEMONSTRATIONS	
(Culture Center: Exhibition Hall 2)	
13:15-15:00	<b>D. Sarris:</b> Digital Abacus and Manual Computers in the Classroom

COMPOSERS FORUM	
(Culture Center: Exhibition Hall 2)	
17:00-19:00	Composers Forum (coordination : T.Lotis)
17:00	<b>P. Kokoras:</b> Holophony. Morphopoiesis. Sound Scale. Construct Synthesis
17:30	<b>J. Kojs:</b> Continuum of Realities Composing with Physical and Cyber Instruments in new computer music software
18:00	<b>L. Landy:</b> Recycling or appropriation 'Oh la la radio'
18:30	<b>S. Emmerson;</b> Technology theatre, memory, field

POSTER SESSION	
(Culture Center: Exhibition Hall 1)	
19:00-19:45	Posters 1 ( coordination:R.Climent)
<b>I. Kanellos, I. Suciu, T. Moudenc:</b> Expressive text-to-speech approaches	
<b>S. Didakis:</b> The Cube An audiovisual interactive installation	
<b>M. Rohrmeier:</b> A generative grammar approach to diatonic harmonic structure	
<b>E. Bonda:</b> A neurocognitive analysis of rhythmic memory process as a social space phenomenon	
<b>D. Conklin, M. Bergeron:</b> Discovery of generalized interval patterns	
<b>T. Davis, O. Karamanlis:</b> Gestural control of sonic swarms Composing with grouped sound objects	
<b>A. Philippides:</b> Beyond movement an animal, beyond an animal the sound	
<b>J. Schmitt:</b> Algorithmic Composition – "Gestalt Revolution"– A new approach to a unified view on structuring diverse levels of musical composition	
<b>C. Tsakostas, A. Floros, Y. Deliyannis:</b> Real-time spatial mixing using binaural processing	
<b>D. Politis, D. Margounakis, G. Botsaris, L. Papaleontiou:</b> OR-PHEUS : A virtual learning environment of Ancient Greek music	

CONCERTS	
(Apollon Theater)	
13:15-14:30 CONCERT 1	
<b>L. Westman:</b> Lapidis	
<b>S. Kostouros:</b> Perpetual Flow	
<b>D. Barreiro:</b> Maresia	
<b>I. Kalantzis:</b> SIM4 (System In Motion)	
<b>F. Cifariello:</b> Games IV	

20:30-22:00 CONCERT 2	
<b>R. Climent:</b> Wall Woodpeckers	
<b>L. Landy:</b> Oh là la radio	
<b>N. Valsamakis:</b> Maigua II	
<b>K. Tzedaki:</b> Jyoti	
<b>J.C. Risset:</b> Elementa	

## PAPER SESSIONS

(Culture Center: Conference Hall)

09.00-10.30 Session 3: Music Analysis (chair: C. Anagnostopoulou)

- D. Exarchos:** Injecting periodicities Sieves as timbres  
**A. Honingh:** Pitch spelling Investigating reductions of the search space  
**M. Rohrmeier:** Modelling dynamics of key induction in harmony progressions  
**T. Weyde, J. Wissmann:** Automatic semantic annotation of music with harmonic structure

10.45-11.45 Session 4: Music Cognition (chair: E. Cambouropoulos)

- D. Howard, C. Barlow:** Measured characteristics of development in adolescent singers  
**S. Arom, N. Fernando, F. Marandola:** An innovative method for the study of African musical scales Cognitive and technical aspects  
**D. Fober, S. Letz, Y. Orlarey:** VEMUS - Feedback and groupware technologies for music instrument learning

12.00-13.00 Session 5: Machine Learning and MIR (chair: D. Concklin)

- G. Chryssochoidis, D. Delviniotis, G. Kouroupetroglou:** A semi-automated tagging methodology for Orthodox Ecclesiastic chant acoustic corpora  
**A. Chen, C. Iliopoulos, S. Michalakopoulos, M. Rahman:** Implementation of algorithms to classify musical texts according to rhythms  
**C. Iliopoulos, M. Mohamed, V. Mohanaraj:** Experimental ( $\delta, \gamma$ ) Pattern-Matching with Don't Cares

16:30-17.40 Session 6: Composition Systems (1) (Chair: G. Assayag)

- C. Agon, J. Bresson:** Mixing time representations in a programmable score editor  
**A. Allombert, G. Assayag, M. Desainte Catherine:** A system of interactive scores based on Petri nets  
**S. Bökesoy:** Synthesis of a macro sound structure within a self organizing system

17.50-19.00 Session 7: Interfaces for control (1) (Chair: Y. Orlarey)

- A. De Götzen, S. Serafin:** Prolegomena to sonic toys  
**J. Bresson, M. Stroppa, C. Agon:** Generation and representation of data and events for the control of sound synthesis  
**C. Stratoudakis, K. Papadimitriou:** A dynamic interface for the audio-visual reconstruction of soundscape, based on the mapping of its properties

## DEMONSTRATIONS

(Culture Center: Exhibition Hall 2)

09:00-14:00 Demonstrations (coordination : N. Valsamakis)

- 09:00-11:45: **C. Agon, G. Assayag and J. Bresson:** (IRCAM)  
 OpenMusic Computer-aided composition, sound synthesis and improvisation  
 09:00 OpenMusic Demonstration Part I: General Concepts  
 10:00 OpenMusic Demonstration Part II: Sound Synthesis  
 11:00 OpenMusic Demonstration Part III: Improvisation  
 12:00-13:00: **Elina Audio Solutions:** Jazzmutant: Lemur  
 13:00-14:00: **Fagotto Music:** Apple Logic Pro & Soundtrack Pro

## COMPOSERS' FORUM

(Culture Center: Exhibition Hall 2)

17:00-18:30 Composer's forum (coordination : A. Mniestris)

- 17:00 **S. Giannoulakis, N. Calogirou:** Real time sound creation and manipulation strategies in structured improvisation  
 17:30 **G. Spiropoulos:** KLAMA. The voice from oral tradition in death rituals to a work for choir and live electronics  
 18:00 **C. Lippe:** Real-Time Interactive Strategies for Timbral Control in the Frequency Domain  
 18:30 **J. Chadabe:** An interactive approach to composition

## POSTERS SESSION

(Culture Center, Exhibition Hall 1)

19:00-19:45 Posters 2 (coordination: D. Fober)

- C. Guedes, K. Woolford:** Controlling aural and visual particle systems through human movement  
**D. Litke:** Fractured sounds, fractured meanings A glove-controlled spectral instrument  
**V. Maniatakis:** Cephalomorphic interface for emotion-based music synthesis,  
**M. Teeter, C. Dobrian:** Wirelessly interfacing with the Yamaha Disklavier Mark IV  
**N. Stavropoulos:** Multi-channel formats in electroacoustic composition Acoustic space as a carrier of musical structure  
**E. Benetos, M. Kotti, C. Kotropoulos:** Large scale musical instrument identification  
**A. Gounaropoulos, C. Johnson :** A neural network approach for synthesising timbers from adjectives  
**G. Spiropoulos, B. Meudic:** KLAMA, the voice from oral tradition in death rituals to a work for choir and live-electronics

## CONCERTS

(Apollon Theater)

13.15-14.30 CONCERT 3

- P. Lindborg:** Le mammoth englouti  
**A. Loufopoulos:** Icarus  
**J.L di Santo:** Ruthmos  
**P. Theocharidis, A. Mniestris:** Improvisation I  
**A. Deniosos:** Chant

20.30-22.00 CONCERT 4

- Panayiotis Kokoras:** Breakwater  
**James Harley:** Wild Fruits  
**A. Diktyopoulos:** Genesis  
**Miyuki Ito:** Into the forest of stars  
**Joel Chadabe:** Many times Katerina  
**Michael Adamis:** Ένδον (Endon)

**PAPER SESSIONS**

(Culture Center: Conference Hall)

9.00 -10.30: Session 8: Aesthetics (L.Landy)

**J. Di-Santo:** Some symbolic possibilities specific to electroacoustic music**M. Guercio, J. Barthelemy, A. Bonardi:** Authenticity issue in performing arts using live electronics**J. Kim, U. Seifert:** Embodiment and agency Towards an aesthetics of interactive performativity**F. Rousseaux, A. Bonardi:** Is knowledge emerging in the secrecy of our digital collections?

10.45-11.45 Session 9: Signal Analysis/ Synthesis (G.Papadelis)

**G. Haus, L. Ludovico, E. Russo:** From music symbolic information to sound synthesis An XML-based approach**P. Lindborg:** Preparing for TreeTorika Computer-assisted analysis of Mao's oratory**A. Kontogeorgakopoulos, C. Cadoz:** Cordis Anima physical modeling and simulation system analysis

12.00-13.30 Session 10: Signal Analysis (G.Papanikolaou)

**I. Karydis, A. Nanopoulos, A. Papadopoulos, E. Cambouropoulos, Y. Manolopoulos:** Horizontal and vertical integration / segregation in auditory streaming A voice separation algorithm for symbolic musical data**M. Chourdakis, H. Spyridis:** Time domain pitch recognition**H. Spyridis, A. Moustakas:** Image to sound and sound to image trans-form**P. Vassilakis:** SRA: A web-based research tool for spectral and roughness analysis of sound signals

16:30-17.30 Session 11: Composition Systems (2) (C.Lippe)

**R. Keller, D. Morrison:** A grammatical approach to automatic improvisation**J. Kojs, S. Serafin:** Digitally augmented everyday objects in music composition**E. Amiot, C. Agon, M. Andreatta:** Autosimilar melodies and their implementation in OpenMusic

17.45-19.00 Session 12: Interfaces for control (2) (E.St-james)

**A. Camurri, P. Coletta, M. Demurtas, M. Peri, A. Ricci, R. Sago-  
leo, M. Simonetti, G. Varni, G. Volpe:** A platform for real-time multimodal processing**M. Giannoukakis, I. Zannos:** Self-Space Interactive, self-organized, robotics mediated, cross-media platform for music and multimedia performance**P. Modler, T. Myatt:** Image features based on two dimensional FFT for gesture analysis and recognition**DEMONSTRATIONS**

(Culture Center: Exhibition Hall 2)

09:00-14:00 Demonstrations (coordination: K.Moschos)

9:00-10:00 **Claude Cadoz:** (ACROE-ICA) Sound, music, multi-sensory and haptic interaction computing - GENESIS - CORDIS-ANIMA - for musical creation10:00-10:30 **T. Mays:** Making Music with Camera Tracking10:30-11:00 **A. Diktyopoulos:** Composing with the UPIC system**STUDIO and ORGANIZATIONS REPORT**

(Culture Center: Exhibition Hall 2)

11:30-13.10: Studio report (coordination: K.Moschos)

11:30-12:00 **Joel Chadabe:** (EMF Organization Report) Electronic Music Foundation and the Future of Music12:00-12:30 **L. Landy:** The ElectroAcoustic Resource Site (EARS): status report and a look into its future12:30-12:50 **A. Mniestris, T. Lotis:** ERIMEE studio report12:50-13:10 **C. Guedes, R. Dias:** The program in electronic music composition and musical production at the School of the Arts of the Polytechnic Institute of Castelo Branco**COMPOSERS' FORUM**

(Culture Center: Exhibition Hall 2)

17:00-18:30 Composers forum (coordination P.Kokkoras)

17:00 **I. Zannos, P. Tsangarakis, M. Giannoukakis:** Live performance and intelligent media environments17:30 **C. Roads:** Composition in the electronic medium18:00 **A. Mniestris:** Acoustic Ecology the Antinioti project18:30 **A. Loufopoulos:** Composing with soundscapes**POSTERS SESSION**

(Culture Center, Exhibition Hall 1)

19:00-19:45 Posters 3 (coordination: A.Denizos)

**G. Spiropoulos, B. Meudic:** KLAMA The voice from oral tradition in death rituals to a work for choir and live electronics**N. Stavropoulos:** Multi-channel formats in electroacoustic composition Acoustic space as a carrier of musical structure**B. Bossis:** The breaking-continuity paradox in artificial vocality aesthetics**V. Lympouridis, M. Parker, A. Young, D. Arvind:** Sonification of gestures using Specknets**A. Holzapfel, Y. Stylianou:** Singer Identification in rembetiko music.**P. Modler, T. Myatt:** Haptic feedback for improved positioning of the hand for empty handed gestural control.**D. Birnbaum, F. Abtan, S. Wei, M. Wanderley:** Mapping and dimensionality of a cloth-based sound instrument.**CONCERTS**

(Apollon Theater)

13.30-14.30 CONCERT 5

**A. Voorhoeve Alex:** Discovery**G. Turaccio Giancarlo:** A notion**E. Alonso:** Transmigracion 7.49 cd**S. Giannoulakis:** A Beautiful Dream**D. Litke:** From that which could**M. Can Özer:** Klarnet Konçertosu

20.30-22.00 CONCERT 6

**J. Kojs:** Air for fujar + electronics**C. Roads, B. O'Reilly:** Sculptor, Pictor Alpha**T. Lotis:** Arioso Dolente/Beethoven op.110**C. Lippe:** Music 4 piano + computer**G. Spyropoulos:** Saksti**S. Emerson:** Spirit of '76

**INSTALLATIONS**

(Youth Center/Culture Center: Exhibition Foyer)

Wednesday 17:00-22:00,  
Thursday - Friday 11:00-20:00

**T. Mays:** Acousmeaucorps

**K. Wollford, C. Guedes:** Will.0.w1sp

**C. LePrado:** Listen Lisboa

**M. Giannoukakis , I. Zannos, T. Diamantopoulos, P. Tsangarakis and B. O'Reilly:** Self-Space / Ulysses in Lefkas

**S. Benoit:** Ulysse

**KSYME:** Musical Iconographies

**K.Moschos /UOA:** Theodor Stamos. the color sculptor

**UOA/IEMA:** Soundscaping the folklore Festival of Lefkada

**SMC07 Sponsors' Exhibition Stands**

(Conference Center: Foyer / Exhibition Hall 1)  
Throughout Conference

**ERIMEE**

**ELINA AUDIO SOLUTIONS**

**FAGOTTO MUSIC**

**IEMA**

