### REGISTRATION AND OPENING

(Culture Center: Foyer)

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00-09:45</td>
<td>Registration</td>
</tr>
<tr>
<td>10:00-13:00</td>
<td>Opening and Keynote Lectures</td>
</tr>
<tr>
<td>10:00-10:45</td>
<td>Welcome Statements (Perfect of Lefkada, Mayor of Lefkada, President and vice-president of the conference)</td>
</tr>
<tr>
<td>11:00-12:00</td>
<td>J. C. Risset: Fifty Years of Digital Sound for Music</td>
</tr>
<tr>
<td>12:00-13:00</td>
<td>J. Sundberg: Synthesising Singing</td>
</tr>
</tbody>
</table>

### PAPER SESSIONS

(Culture Center: Conference Hall)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session 1: Audio Synthesis (chair: S. Serafin)</th>
</tr>
</thead>
<tbody>
<tr>
<td>16.30-17.45</td>
<td>F. Poyer, C. Cadoz: Sound synthesis and musical composition by physical modelling of self-sustained oscillating structures</td>
</tr>
<tr>
<td></td>
<td>C. Rizzuti: Mapping chaotic dynamical systems into timbre evolution</td>
</tr>
<tr>
<td></td>
<td>P. Tzevelekos, T. Perperis, V. Kyritsi, G. Kouroupetroglu: A component-based framework for the development of virtual musical instruments based on physical modeling</td>
</tr>
<tr>
<td>18.00-19.00</td>
<td>Session 2: Multimedia (chair: C. Cadoz)</td>
</tr>
<tr>
<td></td>
<td>Y. Deliyiannis, A. Floros, C. Tsakostas: Advanced sound manipulation in interactive multimedia environments</td>
</tr>
<tr>
<td></td>
<td>C. Le Prado, S. Natkin: LISTEN LISBOA: Scripting languages for interactive musical installations</td>
</tr>
<tr>
<td></td>
<td>E. Lemi, A. Georgaki: Reviewing the transformation of sound to image</td>
</tr>
</tbody>
</table>

### DEMONSTRATIONS

(Culture Center: Exhibition Hall 2)

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:15-15:00</td>
<td>D. Sarris: Digital Abacus and Manual Computers in the Classroom</td>
</tr>
</tbody>
</table>

### COMPOSERS FORUM

(Culture Center: Exhibition Hall 2)

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>17:00-19:00</td>
<td>Composers Forum (coordination: T. Lotis)</td>
</tr>
<tr>
<td>17:00</td>
<td>P. Kokoras: Holophony. Morphopoiesis. Sound Scale. Construct Synthesis</td>
</tr>
<tr>
<td>17:30</td>
<td>J. Kojs: Continuum of Realities Composing with Physical and Cyber Instruments in new computer music software</td>
</tr>
<tr>
<td>18:00</td>
<td>L. Landy: Recycling or appropriation 'Oh la la radio'</td>
</tr>
<tr>
<td>18:30</td>
<td>S. Emmerson: Technology theatre, memory, field</td>
</tr>
</tbody>
</table>

### POSTER SESSION

(Culture Center: Exhibition Hall 1)

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>19:00-19:45</td>
<td>Posters (1: coordination: R. Climent)</td>
</tr>
<tr>
<td>19:00</td>
<td>J. Kanellos, I. Suci, T. Mouden: Expressive text-to-speech approaches</td>
</tr>
<tr>
<td>19:30</td>
<td>S. Didakis: The Cube An audiovisual interactive installation</td>
</tr>
<tr>
<td>20:00</td>
<td>M. Rohrmeier: A generative grammar approach to diatonic harmonic structure</td>
</tr>
<tr>
<td>20:30</td>
<td>E. Bonda: A neurocognitive analysis of rhythmic memory process as a social space phenomenon</td>
</tr>
<tr>
<td>21:00</td>
<td>D. Conklin, M. Bergeron: Discovery of generalized interval patterns</td>
</tr>
<tr>
<td>21:30</td>
<td>T. Davis, O. Karamanlis: Gestural control of sonic swarms Composing with grouped sound objects</td>
</tr>
<tr>
<td>22:00</td>
<td>A. Philippides: Beyond movement an animal, beyond an animal the sound</td>
</tr>
<tr>
<td>22:30</td>
<td>J. Schmitt: Algorithmic Composition – “Gestalt Revolution” – A new approach to a unified view on structuring diverse levels of musical composition</td>
</tr>
<tr>
<td>23:00</td>
<td>C. Tsakostas, A. Floros, Y. Deliyiannis: Real-time spatial mixing using binaural processing</td>
</tr>
<tr>
<td>00:00</td>
<td>D. Politis, D. Margounakis, G. Botsaris, L. Papaleontiou: ORPHEUS : A virtual learning environment of Ancient Greek music</td>
</tr>
</tbody>
</table>

### CONCERTS

(Apollon Theater)

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:15-14:30</td>
<td>CONCERT 1</td>
</tr>
<tr>
<td>13:15</td>
<td>L. Westman: Lapides</td>
</tr>
<tr>
<td>13:30</td>
<td>S. Kostouros: Perpetual Flow</td>
</tr>
<tr>
<td>13:45</td>
<td>D. Barreiro: Marcesia</td>
</tr>
<tr>
<td>14:00</td>
<td>I. Kalantzis: SIM4 (System In Motion)</td>
</tr>
<tr>
<td>14:15</td>
<td>F. Cifariello: Games IV</td>
</tr>
<tr>
<td>20:30-22:00</td>
<td>CONCERT 2</td>
</tr>
<tr>
<td>20:30</td>
<td>R. Climent: Wall Woodpeckers</td>
</tr>
<tr>
<td>20:45</td>
<td>L. Landy: 'Oh la la radio'</td>
</tr>
<tr>
<td>21:00</td>
<td>N. Valsamakis: Maigua II</td>
</tr>
<tr>
<td>21:15</td>
<td>K. Tzedaki: Jyoti</td>
</tr>
<tr>
<td>21:30</td>
<td>J. C. Risset: Elementa</td>
</tr>
</tbody>
</table>
SMC07 Conference Program

Thursday, 12 July, 2007

PAPER SESSIONS
(Culture Center: Conference Hall)
09:00-10:30 Session 3: Music Analysis (chair: C. Anagnostoupolou)
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. Wisssmann: 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. Delviniots, 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 (δ, γ) 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. Bókesy: 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 Götzén, S.Seraphin: 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

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: 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. Maniatakos: 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 form 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 mammouth englouti
A. Loufopoulos: Icarus
J.L. di Santo: Ruthmos
P. Theoharidis, A. Mniestris: Improvisation I
A. Deniosos: Chant

Panayiotis Kokoras: Breakwater
James Harley: Wild Fruits
A. Diktypopoulos: Genesis
Miyuki Ito: Into the forest of stars
Joel Chadabe: Many times Katerina
Michael Adamis: 'Evōv (Endon)
SMC07 Conference Program

Friday, 13 July, 2007

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

11:30 - 12:30: Session 10: Signal Analysis (G. Papadokolaou)

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 transform

P. Vassilakis: SRA: A web-based research tool for spectral and roughness analysis of sound signals

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: Klarinet Koncertosu

DEMONSTRATIONS
(Culture Center: Exhibition Hall 2)

10:00 - 10:30: Claude Cador: (ACROE–ICA) Sound, music, multisensory and haptic interaction computing - GENESIS – CORDIS-ANIMA - for musical creation

9:00 - 10:00: Demonstrations (coordination: K. Moschos)
10:00 - 10:30 T. Mays: Making Music with Camera Tracking

10:00 - 10:30: A. Diktyopoulos: Composing with the UPIC system

10:30 - 11:00: J. Di-Santo: Some symbolic possibilities specific to electroacoustic music

11:00 - 11:30: M. Guercio, J. Barthelemy, A. Bonardi: Authenticity issue in performing arts using live electronics

11:30 - 12:00: T. Mays: Making Music with Camera Tracking

12:00 - 12:30: A. Mniestris, T. Lotis: ERIMEE studio report

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 & intelligent media environments

17:30: C. Roads: Composition in the electronic medium

18:00: A. Mniestris: Acoustic Ecology the Antinioti project

18:30: A. Loufopoulos: Composing with soundscapes

POSTERS SESSION
(Culture Center, Exhibition Hall 1)

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

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

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

20:30 - 22:00: CONCERT 6

20:30 - 22:00: CONCERT 6

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

COMPOSERS’ FORUM
(Culture Center: Exhibition Hall 1)

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

17:00: I. Zannos, P. Tsangarakis, M. Giannoukakis: Live performance & intelligent media environments

17:30: C. Roads: Composition in the electronic medium

18:00: A. Mniestris: Acoustic Ecology the Antinioti project

18:30: A. Loufopoulos: Composing with soundscapes

POSTERS SESSION
(Culture Center, Exhibition Hall 1)

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

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

20:30 - 22:00: CONCERT 6

20:30 - 22:00: CONCERT 6

J. Kojs: Air for fujar + electronics
C. Roads, B. O’Reilly: Sculptor, Pictor Alpha
T. Lotis: Ariosos Dolente/Beethoven op.110
C. Lippe: Music 4 piano + computer
G. Spyropoulos: Saksti
S. Emmerson: 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