

1 CURRICULUM VITAE

PERSONAL INFORMATION	
SURNAME	GEORGAKI
NAME	ANASTASIA
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TEL.	+306972073014

CURRENT POSITION(S)

2020 - 2024	Professor in Music Technology Music Department, School of Philosophy, National and Kapodistrian University of Athens, Greece
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PREVIOUS POSITION(S)

Please add previous research position(s)/experience starting with the most recent.

2015 - 2020	Associate Professor in Music Technology Music Department, School of Philosophy, National and Kapodistrian University of Athens, Greece
2008 - 2015	Assistant Professor in Music Technology Music Department, School of Philosophy, National and Kapodistrian University of Athens, Greece
2003 - 2008	Lecturer in Music Technology Music Department, School of Philosophy, National and Kapodistrian University of Athens, Greece
2001 - 2003	Lecturer in Music Technology and Informatics Music Department, Ionian University, Corfu, Greece

EDUCATION

Please add separate sections for each degree starting with the most recent.

1998	EHESS/IRCAM, Paris, France, PhD in Music and Musicology of the XXth century (emphasis on Music Acoustics and Technology in Computer Music)
1991	EHESS/IRCAM, Paris, France, Master Degree (DEA) in Music and Musicology of the XXth century (emphasis on Music Acoustics and technology in Computer Music)
1981 - 1989	Music Performance studies at the Hellenikon Conservatory, Greece -Performance Diploma in Accordion (1983) -Performance Diploma in Electric organ (1989)
1981 - 1987	Music Theory studies at the Hellenikon Conservatory, Greece -Diploma in Harmony (1985) -Diploma in Counterpoint (1987)
1981 - 1986	School of Science, National and Kapodistrian University of Athens, Greece, Bachelor in Physics (emphasis on medical physics)

TEACHING ACTIVITIES

2002 - 2024	Adjunct Professors and Lecturer in Music Acoustics and Computer Music, Music Department, Ionian University
1997 - 2002	Lecturer, Assistant Professor, Associate Professor, Professor, Department of Music Studies, NKUA

SUPERVISION OF GRADUATE STUDENTS & POSTDOCTORAL FELLOWS *(if applicable)*

2014 - 2023	1 Post Doc student 8 PhD students 60 Master Students Music Department, NKUA
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Academic Memberships

2019 - 2024	Head of the Department of Music, NKUA
2015 - 2024	Head of the Laboratory of Music Acoustics and Technology (LabMAT), Department of Music, NKUA
2018 - 2023	Head of the Master's Program "Music Technology and Contemporary practices", Department of Music, NKUA
2015 - 2018	Head of the Master's Program "Musicology and Music Technology", Department of Music, NKUA

RESEARCH GRANTS

Project Title	Funding source	Period	Role of the PI
WithFlow	HFRI	2024-2026	Member
SONICOM	HORIZON 2022	2021-2025	Member
MBB (Musical Bounce Back)	ERASMUS+	2022-2024	Coordinator
ASMA Project	HFRI	2020-2023	Coordinator
Kolokotronis Memoirs: An interactive theatrical documentary	HFRI-200 years	2020-2022	Coordinator
In the Traces of Travelers/Browsers/Tourists (TRACCE)	ESPA-research innovate -create	2019-2021	Member
Europe in C	ERASMUS+	2018-2020	Member
IMuscica	Horizon 2020	2017-2019	Scientific Advisor
Experimental Archaeomusicology, training on the reconstruction and usage of Ancient Greek Musical Instruments (HERMES)	SNCF	2016-2018	Member
DO.RE.MAT. Decrease Obstacles Related to MAThematics Teaching	LPP-ERASMUS	2014-2016	Member

2 SELECTED PUBLICATIONS

Γεωργάκη Α.(2023): “Νέες τεχνολογίες για την επιστημονική έρευνα της Τραγουδιστικής φωνής”, στο συλλογικό τόμο Τεχνικές και τεχνολογίες της άδουσας φωνής, επ. Α. Γεωργάκη, Β. Αγγελάκης, εκδόσεις Κωσταράκη

Georgaki A. (2018). “Spectres d’une echomythologie dans l’oeuvre de F.M.Mache” dans F.B.Mache:Le poète et le savant face à l’univers sonore le Ed. L’Harmattan, Paris.

Γεωργάκη Α., Δεδούσης Γ.: (2018): Ερμηνευτικές διαστάσεις της προσωδιακής εκφοράς της Αττικής τραγικής ποίησης: Ακουστική και φωνολογική ανάλυση, Πρακτικά του Συνεδρίου Ακουστική 2018, Πανεπιστήμιο Πατρών

Georgaki A. (2017): “Cybernetic concepts and pre-sonograms in Anestis Logothetis graphical scores” in the collective book:” Anestis Logothetis in memoriam”, Triton editions, Vienna

Γεωργάκη Α.(2016): “Πρός μιά κατηγοροποίηση του εικαστικού ήχου στη τέχνη του 20ου αιώνα: απο τη χρωματική ακολουθία στη διαδραστική μουσική”, στην Πολυφωνία.

Georgaki A. M. Queiroz (2015): Virtual Tettix: cicada sound analysis and modeling in Plato Academy, in the proceedings SMC2015, University of Maynooth, Ireland

Γεωργάκη Α (2015): “Ηχέτα Τέτιξ: Ακουστική ανάλυση και διαθεματική εκπαιδευτική πρόταση για τη μελέτη του χορού των τζιτζικιών, στα πρακτικά του 3ου συνεδρίου Ακουστικής Οικολογίας, Ιόνιο Πανεπιστήμιο

Γεωργάκη Α. (2015): “Γλώσσα και Κυβερνητική στο Hoerspiel Κυβερνητικών του Α. Λογοθέτη (1971)», Μουσικολογία, τ. 35, Αθήνα

Georgaki A. (2014): “Sound pedagogy through polyagogy: Initiation to Xenakis’ world in primary school through the HighC interactive whiteboard”, In Xenakis Electroacoustic music (ed. M. Solomos), Universite Paris VIII, Paris 2014 (book to appear)

Georgaki A., Chaldeakis A.Tzevelekos P. (2013): the Byzantine Chant Ethos through acoustic analysis: from theory to praxis , in SMAC 2013 in Stockholm Music Acoustics conference 2013 proceedings , KTH Stockholm

Dedousis, G., Andreopoulou, A., & Georgaki, A. (2023): The Impact of Room Acoustics on Choristers’ Performance: From Rehearsal Space to Concert Hall. *5th Stockholm Music Acoustic Conference Proceedings*, Stockholm, Sweden.

Papadimitriou,G., Andreopoulou.,A., Georgaki, A., (2023): "Preliminary acoustic analysis of articulation differences in spoken and sung French language by Greek classical singers" *SMC 2023: Sound and Music Computing Conference Proceedings*, Stockholm, Sweden

Kotsani, N., Dedousis, G., Angelakis, E., Andreopoulou, A., & Georgaki, A. (2022): The ASMA Tool-Suite: Augmenting singing instruction of elementary school students. *Dictionary for Multidisciplinary Music Integration Proceedings*, Trento, Italy.

Moussas, T., Kotsani, N., & Georgaki, A. (2022): Kinesthesia: Designing of an Interactive Voice Software for Theatre Performance. *Sound and Music Computing (SMC) Proceedings*, Universite Saint-Etienne, France.

Παπαδημητρίου, Γ., Γεωργάκη, Α. (2022): "Ιδιάζουσες περιπτώσεις δυσκολίας των ελληνόφωνων κλασικών τραγουδιστών στη λυρική άρθρωση της γαλλικής γλώσσας: μια προκαταρκτική ακουστική και συγκριτική μελέτη" *Πανελλήνιο Συνέδριο Ακουστικής ΕΛ.ΙΝ.Α.*, Θεσσαλονίκη

Emmanouil, A., Rousanoglou, E., Georgaki, A., & Boudolos, K. (2021): Concurrent Validity of Inertially Sensed Measures during Voluntary Body Sway in Silence and while Exposed to a Rhythmic Acoustic Stimulus: A Pilot Study. *Digital biomarkers*, 5(1), 65-73.

Emmanouil, A., Rousanoglou, E., Georgaki, A., & Boudolos, K. D. (2021): When Musical Accompaniment Allows the Preferred Spatio-Temporal Pattern of Movement. *Sports medicine international open*, 5(03), E81-E90.

Polychronopoulos, S., Marini, D., Bakogiannis, K., Kouroupetroglou, G. T., Psaroudakēs, S., & Georgaki, A. (2021): Physical Modeling of the Ancient Greek Wind Musical Instrument Aulos: A Double-Reed Exciter Linked to an Acoustic Resonator. *Journal IEEE Access*, 9, 98150-98160.

Angelakis, E., Kotsani, N., & Georgaki, A. (2021): Towards a Singing Voice Multi-Sensor Analysis Tool: System Design, and Assessment Based on Vocal Breathiness. *Journal Sensors*, 21(23), 8006.

Kotsani, N., Angelakis, E., Georgaki, A. (2021): Evaluating the Nasalization of the Singing Voice. Models and Analysis of Vocal Emissions for Biomedical Applications. *Journal Sensors*, 21(23), 8005.

Andreopoulou, A., Kotsani, N., Dedousis, G., & Georgaki, A. (2021): Evaluating the vocal characteristics of elementary school students: basic assessment tools and methodology. *Interaction Design and Children* (pp. 216-223)

Angelakis, E., Andreopoulou, A., & Georgaki, A. (2021): Multisensory biofeedback: Promoting the recessive somatosensory control in operatic singing pedagogy. *Biomedical Signal Processing and Control*, 66, 102400.

Dedousis, G., Katsantonis, K., Georgaki, A., & Andreopoulou, A. (2021): Designing historically informed soundscapes for the augmentation of modern travel-guides: Challenges and compromises. *AES*, Georgia Institute of Technology.

Bakogiannis, K., Polychronopoulos, S., Andreopoulou, A., & Georgaki, A. (2021): Data and information transmission in the context of sonification. *In 26th International Conference on Auditory Display (ICAD 2021)*

Kotsani, N., Angelakis, E., & Georgaki, A. (2021): Evaluating the Nasalisation of the Singing Voice. *Proceedings E Report*, 119.

Αγγελάκης, Ε., «SingingintheBrain»(2021): Το Τραγούδι ως Σωματική και Εγκεφαλική Λειτουργία Τεχνικές και Τεχνολογίες της Άδουσας Φωνής, Επιμέλεια : Α. Γεωργάκη, Ε. Αγγελάκη (2021) 91-103

S. Kalozakis, A. Georgaki, G. Kouroupetroglou (2021): “Formant Tuning in Cretan Rizitiko Singing”. 12th International Workshop on Models and Analysis of Vocal Emissions for Biomedical Applications. MAVEBA 2021. December 14th– 16th, 2021, (page

Sklirou, T. S., Andreopoulou, A., Georgaki, A., & Tselikas, N. D. (2020): Introducing Secondary Education Students to Programming through Sound Alerts. *European Journal of Engineering and Technology Research*, 5(12), 130-139.

Smailis, D., Andreopoulou, A., & Georgaki, (2020): A. Reflecting on the Musicality of Machine Learning based Music Generators in Real-Time Jazz Improvisation: A case study of Omax-ImproteK-Djazz., *Audiomostly 2020 Proceedings*, Italy

A. Γεωργάκη (2020): “Νέες τεχνολογίες για την επιστημονική έρευνα της Τραγουδιστικής φωνής”, στο συλλογικό τόμο *Τεχνικές και τεχνολογίες της άδουσας φωνής*, επ. Α. Γεωργάκη, Β. Αγγελάκης, Πανεπιστημικές εκδόσεις ΕΚΠΑ

K. Bakogiannis, S. Polychronopoulos, A. Georgaki, G. Cambourakis(2020) :: Sonification through the lens of information and entropy, in *journal of journal of multimodal users interface*, Springer

D. Vassilakis, Ch. Anagnostopoulou, A. Georgaki (2019): Jazz Mapping: an analytical and computational approach to Jazz improvisation, in *SMC2019 Proceedings*, Malaga University

G. Petras, P. Tsangarakis, A. Georgaki (2019): Extended Drama Prosodic Tools: Design and Aesthetics in *International Journal of Music Science, Technology and Art(IJMSTA.com)*

Georgaki A. (2018). “Spectres d’une echomythologie dans l’oeuvre de F.M.Mache” dans *F.B.Mache:Le poète et le savant face à l’univers sonore* le Ed. L’Harmattan, Paris.

A. Γεωργάκη, Γ. Δεδούσης: (2018): Ερμηνευτικές διαστάσεις της προσωδιακής εκφοράς της Αττικής τραγικής ποίησης: Ακουστική και φωνολογική ανάλυση, *Πρακτικά του Συνεδρίου Ακουστική 2018*, Πανεπιστήμιο Πατρών

Β.Αγγελάκης, Α. Γεωργάκη (2018) :Σωματοαισθητική Εκπαίδευση της Λυρικής Φωνής μέσω ΚΑκουστικής Ανάλυσης σε Διαδραστικό Περιβάλλον, *Πρακτικά του Συνεδρίου Ακουστική 2018*, Πανεπιστήμιο Πατρών

N. Bouris, A. Chaldaeakes, A. Georgaki (2018): Encoding Byzantine Music Notation (Ca. 1600-1814), in *SMC2018 Proceedings*, Technological University of Cyprus, Limassol

G. Petras, P. Tsagkarakis, A. Georgaki (2018) : Approaches and Assessment of Drama Prosodic Tools in Live Performance, in *SMC2018 Proceedings*, Technological University of Cyprus, Limassol

F. Sklirou, A. Andreopoulou, A. Georgaki (2018): Teaching programming in secondary education through sound, in *SMC2018 Proceedings*, Technological University of Cyprus, Limassol

Georgaki A. (2017): “Cybernetic concepts and pre-sonograms in Anestis Logothetis graphical scores” in *the collective book : “Anestis Logothetis in memoriam”*, Triton editions, Vienna

Angelakis, E., Velianitis, P., Andreopoulou, A., & Georgaki, A. (2017). " Match Your Own Voice!": An Educational Tool for Vocal Training. In *Audio Engineering Society Convention 143*. Audio Engineering Society.

Moschos, F., Georgaki, A., & Kouroupetroglou, G. (2016). Fonaskein: An interactive software application for the practice of the singing voice. *Proceedings SMC 2016*, (σσ. 326 - 331). Hamburg,

Γεωργάκη Α.(2016): “Πρός μιά κατηγοροποίηση του εικαστικού ήχου στη τέχνη του 20ου αιώνα: απο τη χρωματική ακολουθία στη διαδραστική μουσική”, στην *Πολυφωνία.*, Αθήνα

Georgaki A. M. Queiroz (2015): Virtual Tettix: cicada sound analysis and modeling in Plato Academy, in *the proceedings SMC2015*, University of Maynooth , Ireland

Stavropoulou S., Georgaki A. (2015): “Exploring the new era in singing vocal pedagogy: “The case of the real-time visual feedback software in the Greek Elementary school””, IGI Global Book: Trends in Music

Information Seeking , Behavior, and Retrieval for Creativity,

Γεωργάκη Α. (2015): “Ηχέτα Τέττιξ: Ακουστική ανάλυση και διαθεματική εκπαιδευτική πρόταση για τη μελέτη του χορού των τζίτζικιών, στα πρακτικά του 3^{ου} συνεδρίου Ακουστικής Οικολογίας, Ιόνιο Πανεπιστήμιο

Γεωργάκη Α. (2015): “Γλώσσα και Κυβερνητική στο Hoerspiel Κυβερνητικών του Α. Λογοθέτη (1971)», *Μουσικολογία*, τ. 35, Αθήνα

Sofia Stavropoulou, F. Moschos, A. Georgaki, (2014): “The effectiveness of visual singing feedback vocal technology in Greek elementary school”, in *the Proceedings of ICMC/SMC2014 (Ed. A. Georgaki, G. Kouroupetroglou)*, Athens

Kosteletos G., Georgaki A. (2014): “From digital ‘Echos’ to virtual ‘ethos’: ethical aspects of music technology”, in *the Proceedings of ICMC/SMC2014 (Ed. A. Georgaki, G. Kouroupetroglou)*, Athens

Georgaki A. (2014) : “Sound pedagogy through polyagogy: Initiation to Xenakis’ world in primary school through the HighC interactive whiteboard”, In *Xenakis Electroacoustic music (ed. M. Solomos)*, Universite Paris VIII,

D. Batsis, A. Georgaki. P. Tsigkas (2013): “A Platform for Biomusic: design and implementation” in *Evomusart Proceedings* ,Vienna

Georgaki A.(2014): “Mapping the cicada of the ancient agora: from myth to reality”, in *Music and sound ecology: musicological and philosophical views* , l’Harmattan, Paris

Georgaki A., Chaldaiakis A.Tzevelekos P. (2013): Parameterization of the Byzantine Chant Ethos through Acoustic Analysis: from theory to praxis, in *SMAC2013 in Stockholm Music Acoustics conference 2013 proceedings* , Stockholm

Spyropoulos G., Georgaki A.(2012): “Virtual masks in BACCHANTES by Georgia Spiropoulos (IRCAM, 2010): exploring tragic vocality through Max/Msp”, in *SMC2012 Proceedings*, Copenhagen, Denmark

Kosteletos G., Georgaki A. (2012): “A turing test for the singing voice as an anthropological tool: epistemological and technical issues”, in *ICMC2012 proceedings*, Ljubliana, Slovenia

Carle, M., Georgaki, A. (2011): “Re-configuring Ancient Greek music Theory through technology: an adaptive electronic tuning system on a reconstructed ancient Greek Barbiton”, in *La musique et ses instruments*, Editions Delatour, Paris

Georgaki, A., Tsolakis, Ch. (2011): “Fractal based curves in musical creativity”, in *Chaotic systems: theory and applications (ed.Ch.Skiadas)*, World scientific

Georgaki, A. (2010): « Allégories et mutations vocales au sein de la tragédie Grecque moderne a travers le oeuvres de Yannis Christou (1926-1971) et Michael Adamis(1929) » dans le livre « *La parole sur scene : voix, texte, signifie* , (ed. par G. Ferrari), ed. l’Harmattan, Paris

Georgaki A., Psaroudakes, S. Carle M., Tzevelekos P. (2009): “Prosody Model of Attic tragic poetry : from Logos to mousike”, in *SMC09 Proceedings*, University of Porto, Por

Γεωργάκη Α., Χ. Αναγνωστοπούλου(2008). “Η μοντελοποίηση της μουσικής του Mozart: Μια κριτική προσέγγιση στο χώρο της τεχνητής νοημοσύνης και της μουσικής”, *Ημερίδα για τον Mozart*, Τμήμα Μουσικών Σπουδών, Πανεπιστήμιο Αθηνών, Νεφέλη

Georgaki A., Baveli M. (2008) :“Towards a critical approach of the graphical scores of Anestis Logothetis (1921-1994) through a decodification of his musical *parasemantics*. Emphasis on spatialisation », In *SMC08 Proceedings*, Technical University, Berlin,

Georgaki, A., Velianitis P. (2008): "Aspects of musical structure and functionality of electroacoustic media in the performance of ancient Greek tragedy. A composers' point of view", *In CIM08 Proceedings*, Aristotle University, 2008

Γεωργάκη Α. (2007): «Φύση και ηχητικά τοπία στο έργο του Ι. Ξενάκη». *Τόμος II. Μιχελή*. Πανεπιστήμιο Κρήτης, Ίδρυμα Παναγιώτη και Έφης Μιχελή

Γεωργάκη Α. (2007): «Νέες προσεγγίσεις στην ανάλυση της ηλεκτρακουστικής μουσικής: Μεθοδολογία, εργαλεία και τεχνικά προβλήματα». *Πρακτικά Συμποσίου Μουσικής Ανάλυσης και Ερμηνείας*. Μέγαρο Μουσικής Αθηνών. Αθήνα, 2007

Zannos I., Georgaki A., Delviniotis D., Kouroupetroglou G. (2006): «Real-time control of vocal Greek Chant synthesis». *SMC Proceedings*. GMEM, Marseille, France

Γεωργάκη Α. (2006): «Η τεχνητή παρτιτούρα: ένα νέο εργαλείο στην ανάπτυξη παρτιτούρας με διαδραστικά μέσα». *Πρακτικά Συμποσίου Μουσικής Ανάλυσης*. Τμήμα Μουσικών Σπουδών, Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης,

Γεωργάκη Α. (2006) : «Ο σπόρος της τεχνολογικής σκέψης του Ξενάκη στο χώρο της Μουσικής Πληροφορικής». *Μουσικά*. Εξάντας,

.Γεωργάκη Α., Ζάννος Γ., Βαλσαμάκης Ν. (2005): «Phonodeon: controlling synthetic voices via a MIDI accordion». *Sound and music computing 2005 Proceedings*. University of Salerno, Italy, [http://smc.afimasso.org/smc05/papers/IannisZannos/PHONODEON_SMC05.pdf]

Georgaki A. (2005) : «The grain of Xenakis technological thought on the computer music research of our days». *Proceedings of the International Symposium Iannis Xenakis*. University of Athens,

Γεωργάκη Α. (2004): «New trends on the synthesis of the singing voice: Problems and perspectives». *Proceedings of International Computer Music Conferences 2004*. Miami-Florida, USA

Γεωργάκη Α. (2004): «Virtual voices on hands: Prominent applications on the synthesis and control of the singing voice». *Proceedings of Sound and Music Computing Conference*. IRCAM, Paris

Research monographs

- Γεωργάκη (2020). Ο ήχος ως υλικό στη Σύγχρονη Μουσική Δημιουργία, Fagottobooks, Αθήνα
- Α. Γεωργάκη, Ε. Αγγελάκης (2022). Τεχνικές και Τεχνολογίες της άδουσας φωνής, Εδ. Κωσταράκης, Αθήνα
- Georgaki, G. Kosteletos (2023). Philosophical issues on Music Technology, Επιστημονικές εκδόσεις Κωσταράκη, Athens

Editor of International Conference Proceedings

- Georgaki, M. Solomos (2022): Iannis Xenakis centenary, Proceedings, NKUA, Athens
- Georgaki, A. Antonopoulos, M. Baveli (2012): Anestis Logothetis graphical sound: Πρακτικά Δημερίδας 'Ανέστης Λογοθέτης», Στέγη Γραμμάτων και τεχνών 2012 (anestilogothetismusicportal.gr) (Ελληνικά και Αγγλικά)
- M. Solomos, A. Georgaki, G. Zervos (2005): Proceedings of the International Conference IANNIS XENAKIS Athens, May 2005, ISBN 960-214-444-0 (<http://www.iannis-xenakis.org/fxe/actus/symposium.html>) (Αγγλικά)
- Georgaki, A. Andreopoulou (2018): 15th Sound and Music Computing Conference 2018 (SMC2018) Proceedings, Technical University Limassol, Cyprus (<https://zenodo.org/record/1408596#.XjRU5y2B10s>)

- Georgaki, G. Kouroupetroglou (2014): Music technology meets philosophy: from digital echos to virtual ethos, Proceedings ICMC|SMC2014, University of Athens, (www.icmc14-smc14.net) (2 volumes, 1800 pages in English)
- A. Georgaki, H. Spyridis, G. Kouropetroglou, Ch. Anagnostopoulou (2007): Proceedings of the 4th Sound and Music Computing Conference, Lefkada 2007. (www.smc07.uoa.gr) (Αγγλικά)
- Α. Γεωργάκη(2000). Πρακτικά του 2ου Συμποσίου Μουσικής Πληροφορικής, Κέρκυρα, Δεκέμβρης 2000, ISBN 960-86801-1-5 (Ελληνικά)
- A. Georgaki(1998). Proceedings of the 1st Conference on Music and Computers, Corfu, 1998, ISBN 790-86801-1-5. (Αγγλικά)

Organization of international conferences

- International Workshop on Singing Voice Acoustics and Technology, NKUA, December 2022
- International Workshop on XENAKIS centenary, NKUA, May 2022
- International Conference on Anesti Logothetis, NKUA, December 2021
- International Conference/festival IMPROTECH 2019, NKUA, IRCAM,
- 15th Sound and Music Computing Conference, Cyprus (Cyprus Technical University), 2018
- ICMC|SMC2014, Joint Conference on Music Technology and Computer music (Music Technology meets Philosophy), NKUA, SGT, 2014
- “Pythagorean views on music: mathematics and philosophy”, NKUA/IRCAM, Samos, 2009
- 4th Sound and Music Computing Conference, Lefkada, Greece, 2007
- International Conference on Iannis Xenakis, NKUA, Athens, 2005