

Curriculum Vitae

May '12

Personal Details

Last:	Xenakis	Date of birth:	1973
First:	Ioannis	Home Address:	Syros, Greece
Website:	http://www.syros.aegean.gr/users/ixen/	e-mail:	ixen@aegean.gr
		Tel. office:	2281097179

Education

**DEPARTMENT OF PRODUCT AND SYSTEMS DESIGN ENGINEERING,
UNIVERSITY OF THE AEGEAN**

**Dec. 2007 -
now**

Phd Candidate

Thesis title: **"The role of aesthetic emotions in human-artifact interaction process"**

The scientific areas of the Thesis are: cognitive science, cognitive psychology, Human Computer Interaction, design theory, theory of emotions, and aesthetics.

SUPERVISOR: **Prof. J. Darzentas**

The current period my research aims in the further documentation and consolidation of three proposed interactive models aiming at the naturalized explanation of aesthetic judgment emanating from the following theoretical regions:

- *Considering theories of emotional activity and the experimental findings from neurology, we explore the role of emotions in the decision making of the cognitive agent and specifically at his/her aesthetic judgment.*
- *Considering semiotics, we analyze the processes that take place at the organizational levels of the basic Peircean semiotic parameters in order to interpret the activities that lead the cognitive agent to form an aesthetic judgment.*
- *Considering the research in cognitive psychology, the existing work of A. Arnellos, T. Spyrou and J. Darzentas on design process and meaning, and also the research in the space of HCI concerning the problem of aesthetic decisions, we propose a theoretical ground, which will probably provide a basis for naturalized explanations concerning the emergence of aesthetic judgment in design process. Additionally, we propose a four-level cognitive model that strengthens the underlie functionality of the cognitive activity, by which the designer/user acts in order to effect a goal-oriented attribution, as the aesthetic judgment is. The proposed model aims to integrate findings from cognitive psychology, aesthetic philosophy, and the work on affordances, under the theoretical ground of design process.*

The thesis defends the necessity of naturalized explanations in aesthetics and addresses all the theoretical characteristics, which enable an agent (participant in design process) to be engaged in a naturalized cognitive process in order to construct an aesthetic judgment. Without naturalized models the explanations are not possibly grounded into physical, and probably those models are leaving out important processes and mechanisms as black boxes. Naturalization, demands continuously incomes concerning the progress of science, which pertains the respective phenomena in order to understand and model them.

**DEPARTMENT OF PRODUCT AND SYSTEMS DESIGN ENGINEERING,
UNIVERSITY OF THE AEGEAN**

2004-2007

Master of Science (MSc)

Title: ***“Design of Interactive and Industrial Products and Systems”***

Master Thesis: ***“Aesthetic judgment in human-artifact interaction process. Study and enrichment of perceptual interactive model”***

SUPERVISOR: *Prof. J. Darzentas*

ATHENS SCHOOL OF FINE ARTS

1998-2004

Master in: ***“Painting”***

SUPERVISOR: *Prof. T. Patraskidis*

- Speciality in Fresco and Icon Painting working in studios of *Lecturer P. Samios*
 - Psychology of Education (*Prof. Danassis-Afentakis*),
 - Art Teaching (*Prof. T. Salla*)
-

**DEPARTMENT OF GRAPHIC ARTS & TECHNOLOGY,
TEI ATHENS**

1992-1998

Thesis: ***«Inks and Tumble dryers U.V.»***

SUPERVISOR: *Prof. N. Milonis*

- Speciality in Offset Printing and Silk Printing.

Publications and Presentations

Journal papers:

1. Xenakis I., Arnellos A. & Darzentas J. (2012). The Functional Role of Emotions in Aesthetic Judgement. *New Ideas in Psychology*, 30(2), 212-226, doi: 10.1016/j.newideapsych.2011.09.003
2. Xenakis I., Arnellos A., Spyrou T. & Darzentas J. *Modelling the Aesthetic Judgement: an Interactive-semiotic Prespective*. *Cybernetics & Human Knowing*, (forthcoming)
3. Xenakis I. & Arnellos A., *The relation between interaction aesthetics and affordances*. *Design Studies*, (in press)

Book chapters:

1. Xenakis, I., & Arnellos, A. Aesthetics as an emotional activity that facilitates sense-making: Towards an enactive approach to aesthetic experience. In A. Scarinzi (Ed.), *Aesthetics and the Embodied Mind: Beyond Art Theory and the Cartesian Mind-Body Dichotomy*. Springer. (accepted for publication).

Submitted papers:

1. Xenakis I. & Arnellos A., *The role of aesthetics in the design process*. *Design Issues*, (submitted)

Presentations:

3. Xenakis I. & Arnellos A. (2012). *Reducing Uncertainty in the Design Process: the Role of Aesthetics*, 8th International Conference on Design & Emotion, 11–14 September 2012, London Central Saint Martin, UK
2. Xenakis I., Arnellos A. & Darzentas J. (2011). *Emotions and their Functional Role in Aesthetic Judgment* Interactivist Summer Institute 2011, Syros, Greece
1. Vosinakis S. & Xenakis I. (2011). A Virtual World Installation in an Art Exhibition: Providing a Shared Interaction Space for Local and Remote Visitors. *Proceedings of the Re-thinking Technology in Museums 2011* (pp. 253-264), Limerick, Ireland

Work in Progress

In Preparation:

- ❖ *Modeling aesthetic judgment in design process*
- ❖ *Aesthetics and usability: A cognitive perspective*
- ❖ *Modeling the Psychological State of Presence: a naturalized perspective*

Academic Experience and Activities

Conference Organization:

Interactivist Summer Institute, July 29 - August 1, 2011 Department of Product and Systems Design Engineering University of the Aegean, Syros, Greece	2011
5th Hellenic Conference on Artificial Intelligence, Setn'08. Syros, Greece, 2 - 4 Oct. 2008	2008
8th Annual International Gatherings in Biosemiotics. Syros 23-28 June 2008	

Participation in national research & development industrial projects:

“DesignReq”, Γενικευμένη Αρχιτεκτονική Συνεργατικού Συστήματος Υποστήριξης της Σχεδίασης Επίπλου, ΕΛΚΕΔΕ	2007 -2009
EUREKA F-JEWEL, Functional Jewellery That Adds Aesthetics and Durability to Quality-Of-Life Enhancing Medical Appliances. EU.	2007 -2010
E-FOLKART, Ηλεκτρονικές υπηρεσίες για την υποστήριξη της παραδοσιακής λαϊκής τέχνης. ΕΛΚΕΑ	2007-2010

Teaching Experience

DEPARTMENT OF PRODUCT AND SYSTEMS DESIGN ENGINEERING, UNIVERSITY OF THE AEGEAN UNDERGRADUATE STUDIES

Course Title: History of Design and Technology I	2007 - now
Course Title: History of Design and Technology II	2008 - now
Course Title: Studio III, 2D & 3D Design Using Traditional & New Media	2008 - now
Course Title: Studio IV, 2D & 3D Design Using Traditional & New Media	2008 - now
Course Title: Studio VII	2009 - now
Course Title: Studio VIII	2009 - now
Course Title: History of Art I	2008 -2009
Course Title: History of Art II	2008-2009

DEPARTMENT OF PRODUCT AND SYSTEMS DESIGN ENGINEERING,
UNIVERSITY OF THE AEGEAN
GRADUATE STUDIES

Master of Science (MSc) in Holistic Alternative Therapeutic Systems-Classical Homeopathy **2007 - now**

Course Title: **Applied Informatics I & II**

Master of Science (MSc) in Design of Interactive and Industrial Products and Systems **2010- now**

Course Title: **Product and Interactive Systems Design (studio)**

MINISTRY OF INTERIOR DECENTRALIZATION & E-GOVERNMENT

Project «ΣΥΖΕΥΣΙΣ» :

“Basic Significances, Operation and Services of a Network”, “Operation and Controls of a Router”, “Network Safety”

2006

PRIMARY SCHOOL EDUCATION

2005 -2009

Teaching arts in primary school.

PREFECTURE OF CYCLADES

2005-2007

ADULT EDUCATION

Person in charge of concretization of training program in “Fine Arts”.

Student Supervision

1. Tsouloufa, D. (2011). *Studying the Aesthetic Decisions in Design: Their Role and Their Integration in the Design Process* (Thesis). Product & Systems Design Engineer, Aegean University, Syros, Greece.

In progress

1. Working Subject: Interior design in Museums (Latinos Thomas)
2. Working Subject: Interior design in market stores (Savopoulos Thomas)
3. Working Subject: Emotional design in products (Spanidou Ilianna)
4. Working Subject: Aesthetics in brand identity (Leontara Georgia-Loula)

Work Experience

Person in charge of production in Company: **2000-2004**

« Metaxotipiki Athinon Christos Garbis & Co».

Person in charge of production and art direction in Company: **1995-1998**

«Lombardias & Co»

Exhibitions & design

More than 64 artworks are found in private and public collections in Greece, France, Cyprus and USA.

Personal show, Intellectual Center of Municipality Hermoupolis, Greece, 18-27 August, 2012 **2012**

Group Show, Gallery Atrion, Thessaloniki, Greece **2011**

Group Show, Gallery Atrion, Thessaloniki, Greece **2010**

Personal show, Retrospective Selection 2002-2010, Intellectual Center of Municipality Hermoupolis, Greece **2010**

Virtual Exhibition

Personal Show Intellectual Center of Municipality Ano Syros, Greece **2008**

Art direction end editing of the website: **2007 - now**

Cybernetics & Human Knowing.

A Journal of Second Order Cybernetics, Autopoiesis & Cyber-Semiotics

Art direction end editing of the website: **2007**

5th Hellenic Conference on Artificial Intelligence

Art direction end editing of the website:

8th Annual International Gatherings in Biosemiotics

Personal Show Intellectual Center of Municipality Ano Syros, Greece **2006**

Group Show, Intellectual Center of Municipality Hermoupolis, Greece **2005**

Group Show, "Alumnus 2004", Factory A.S.F.A. Athens, Greece

Group Show, "6th of Laboratory of Painting",
Intellectual Center of Municipality Argolida, Greece

2003

Personal interests

SYSTEMS THEORY, EMOTIONS, AESTHETIC PHILOSOPHY, LEARNING MODELS, COGNITIVE PSYCHOLOGY, AESTHETIC DESIGN, HCI & HMI, COMPUTER GRAPHICS & ANIMATION, 3D MODELING, VIDEO, WEB DESIGN, PAINTING, ARTISTIC SILK PRINTING, ΣΚΗΝΟΓΡΑΦΙΑ, FRESCO AND ICON PAINTING , BIKING....