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Afroditi Psarra, PhD

Assistant Professor at DXARTS University of Washington, Seattle

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Education

PhD	Complutense University of Madrid, Spain School of Fine Arts Image, Technology and Design Program Advisor: Jaime Munarriz Ortiz, PhD Thesis: Cyberpunk & New Media Art: Performance & Digital Art	November 2014
DEA (Diploma of Efficiency in Investigation)	Complutense University of Madrid, Spain School of Fine Arts Image, Technology and Design Program Advisor: Jaime Munarriz Ortiz, PhD Thesis: The Moving Image & the Visual Culture of the 70s & the 80s: Punk & Cyberpunk Current tendencies	March 2008
BA	University of Ioannina, Greece Department of Fine Arts and Art Sciences Advisor: Xenofon Bitsikas, PhD Second advisor: Christos Charitos, MA <i>Final project: Untitled (portraits)</i> <i>Technique: Large-scale painting installation</i>	July 2005
Erasmus	Complutense University of Madrid, Spain School of Fine Arts EU undergraduate exchange program	September 2003- June 2004
Academic Teaching Assistant Professor	Center for Digital Art & Experimental Media DXARTS, University of Washington, Seattle, US Courses Taught: DXARTS 200 Digital Art & New Media: History, Theory DXARTS 500 Research Studio DXARTS 490A Art & The Brain DXARTS 490B E-textiles & Wearables for Art & Design	
Guest Lecturer	National Autonomous University of Mexico (UNAM) Institute of Anthropological Research School of Architecture. Industrial Design MA Program Lecture on E-textiles & Digital Craftsmanship	March 2017
Guest Lecturer	Mozarteum University, Salzburg, Austria Art and Science Program <i>Hand-crafted Futures Workshop</i>	December 2015

Guest Lecturer	School of Fine Arts, Athens, Greece Digital Arts M.A. Program <i>E-textiles & Wearable Technology</i>	June 2015
Guest Lecturer	Bauhaus University, Weimar, Germany Future Vintage 2015: The Textile Resistance Program <i>Electromagnetic Field-Sensing Workshop</i>	April 2015
Guest Lecturer	IED Campus, Madrid, Spain Istituto Europeo di Design Redefining crafts in the 21st Century Program <i>Embroidery and Coding Workshop</i>	November 2014
Academic Activity Guest Lectures	University of Washington, DXARTS, Seattle, USA Invited artists to host guest lectures on their work and research: Asta Roseway, Microsoft Research (Research Designer, Hannah Perner-Wilson, MA MIT Medialab (Artist & Res Maggie Orth, PhD MIT Medialab (Artist, Researcher & Tincuta Heinzel, PhD Paris 1 University & Post-Doc Cornell University (Artist & Researcher)	earcher)
Course Curriculum	University of Washington, DXARTS, Seattle, USA Created new class curriculum DXARTS 490B E-textiles & Wearables for Art & Design Topics approached: Electronics & Creative Coding Traditional Crafts & Digital Fabrication Body Hacking, Soft Robotics & Media Performance	Spring 2017
Course Curriculum	University of Washington, DXARTS, Seattle, USA Added new content to DXARTS 490A Art & The Brain Topics introduced: Wearables & Biosignals Lab sessions with wearable sensors & actuators	Spring 2017
Course Curriculum	University of Washington, DXARTS, Seattle, USA Added new content to DXARTS 500 Research Studio Topics approached: Speculative Design Post-Digital, Object Oriented Ontology (OOO) Geology of Media, Psychogeophysics	Winter 2017
Course Curriculum	University of Washington, DXARTS, Seattle, USA Added new content to DXARTS 200 Digital Art & New Media: History, Theory & Practice Invited DXARTS faculty, grad students & alumni to present their work & research	Fall 2016
Practice as Research	University of Washington, DXARTS, Seattle, USA Created the SoftLab at the DXARTS Fab Lab A space dedicated to e-textiles & wearables equipped with smart materials, tools & fabrication mac	Fall 2016 - currently

Additional Teaching

Professional School Course Instructor	IEK Agiou Dimitriou, Athens, Greece	October 2012-
	Department of Interior Design Painting (Semester Course)	February 2013
Institutions		Name and a 2017
Workshop Instructor	Onassis Cultural Centre, Athens Hybrids Exhibition	November 2016
	Wearable Narratives (ages 12-16)	
	In collaboration with Marilena Georgantzi	
Workshop	Onassis Cultural Centre, Athens	January 2016
Instructor	Digital Revolution Exhibition	
	Electronic Handicrafts Workshop (ages 65+). In collaboration with Maria Varela	
Workshop	Onassis Cultural Centre, Athens	December 2015
Instructor	Digital Revolution Exhibition	
	Kinetic Origamis Workshop (ages 12-16) In collaboration with Maria Varela	
Workshop	Onassis Cultural Centre, Athens	November 2015
Instructor	Digital Revolution Exhibition Interactive PopUp Book (ages 8-12)	
	In collaboration with Maria Varela	
Workshop Instructor	Steim, Amsterdam, The Netherlands Studio for Electro-Instrumental Music	September 2015
Instructor	Embroidered Bits Workshop	
Workshop	Onassis Cultural Centre, Athens	June 2015
Instructor	Adhocracy Exhibition	
	Design Fiction Prototypes Workshop (ages 12-16)	
	In collaboration with Maria Varela	
Festivals		
Workshop	Eyeo Festival, Minneapolis, USA	June 2017
Instructor	Fractal Antennae & EMF sesnsing	
Workshop	Maintenant Festival, Rennes, France	October 2015
Instructor	Elektroni(k)	
	Embroidered Bits Workshop	
Workshop	Ars Electronica 2014 Linz, Austria	September 2014
Instructor	C What it takes to Change Future Innovators' Summit Program	
	Hand-crafted Futures Workshop	
Workshop	Electropixel #3, Nantes, France	August 2013
Instructor	Аро-33	
	Soft-circuit Noise Workshop	

Workshop Instructor	Piksel 13, Bergen, Norway Piksel Riot <3-bit Shirt Workshop In collaboration with Constanza Piña	November 2013
Workshop Instructor	Piksel[X], Bergen, Norway Kernel Panic Arduino Textile Synthesizer	November 2012
Other (Summer Scho Workshop Instructor	ols, Makerspaces and Project Spaces) Tribe Against Machine SummerCamp, Miaoli, Taiwan EMF Sensing	August 2017
Workshop Instructor	Medialab MX, Mexico City Antennae Bodies & EMF fields	March 2017
Workshop Instructor	Paillard Centre d'Art Contemporain & Résidence d'Artistes, France E-textile Summer Camp Sensing EMFs through textiles	July 2016
Workshop Instructor	Cassandras, Athens, Greece Panorila II Paper Synthesizer Workshop	June 2016
Workshop Instructor	Exploradores15 Galicia, Spain Summer School for Art & Technology <i>Wearable Hacking Workshop</i>	July 2015
Workshop Instructor	Radiona Makerspace, Zagreb, Croatia Noisy Textiles Workshop	May 2014
Workshop Instructor	Frown, Athens, Greece Wearable Technology Workshop	December 2013
Workshop Instructor	MedeaLab, Athens, Greece Body, Sound, Interface Workshop. In collaboration with Alex Drymonitis	November 2013
Workshop Instructor	Dudua, Barcelona, Spain E-textiles Workshop	September 2013
Workshop Instructor	TheStudio, Athens, Greece Haptic City Workshop	April 2013
Workshop Instructor	Frown, Greece LilyPad Arduino Workshop	April 2012
Other Professional Experience		

CuratorOnassis Cultural Centre, Athens, GreeceMay 2015-Project ManagerAdhocracy exhibitionJune 2015Urban Design Fiction Hackathon
In collaboration with Maria VarelaIn collaboration

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New Media and Sound Art Co-ordinator	CAMP, Athens, Greece Contemporary Art Meeting Point	September 2013- December 2013
Curator	Espacio Menosuno, Madrid, Spain <i>After(Fill in the artist's name)</i> Exhibition	June 2011
Illustrator	DriftingCity Architects, Athens Mmove EU Research Program On sustainable mobility	November 2011- March 2012
Theatre Assistant	National Dramatic Theatre of Madrid Valle Inclan Theatre	September 2010- June 2011
Curator	Espacio Menosuno, Madrid, Spain <i>DIY - Ni Idea</i> Exhibition	June 2008
Gallery Assistant	Espacio Minimo, Madrid, Spain Arco 07, Contemporary Art Fair	December 2006- April 2007
Fellowships and Aw	ards	
Fellowship	CTM Festival The Gloves Hacklab Fellowship for the project <i>Idoru()</i>	January 2013
Award	MakerFaire Rome Maker of Merit Award for the project <i>Lilytronica</i>	September 2013
Research Experienc Academic Collaboration	e University of Washington, DXARTS & School of Mus	sic January 2017-

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Academic Collaboration	University of Washington, DXARTS & School of Musi Initiated collaboration on interactive sound performan with Prof. Bonnie Whiting - head of Percussion Studie	nce currently
Academic Researcher	University of Washington, DXARTS, Seattle, USA Exploring Art & Science through E-textiles & Wearable Fractal Antennae	November 2016- es currently
Doctoral Researcher	Complutense University of Madrid, Spain School of Fine Arts Image, Technology and Design Program Thesis: <i>Cyberpunk & New Media Art: Performance</i> & <i>Digital Art</i> . Advisor: Jaime Munarriz Ortiz, PhD	September 2009- November 2014
Intern Media Artist	ETH - Disney Research Zurich, Switzerland Wireless Communications & Mobile Computing Group. Advisor: Stefan Mangold, PhD	January 2014- April 2014
Post-graduate Researcher	Complutense University of Madrid, Spain School of Fine Arts Image, Technology and Design Program Thesis: The moving image and the visual culture of the 70s and the 80s: Punk & Cyberpunk. Current Tendencies. Advisor: Jaime Munarriz Ortiz, Pl	September 2007- March 2008

Publications		
Conference Proceedings	Psarra, A. & Lapoire, C. Cosmic Bitcasting: A wearable Cosmic Ray Detector. Proceedings of the 2017 ACM International Symposium on Wearable Computers (ISWC), Maui, Hawai, September 12-14, ACM New York, USA.	2017
Conference Proceedings	Koutsomichalis, M. & Psarra, A. Computer-aided weaving: from numerical data to algorithmic textiles. Proceedings of the Electronic Visualisation & the Arts (EVA) Conference, London, GB, July 8-10, pp. 122-123.	2015
Conference Proceedings	Koutsomichalis, M. Psarra, A. & Varela, M. Oiko-nomic threads. Proceedings of the 2014 ACM International Symposium on Wearable Computers (ISWC), Seattle, USA, September 13-17, ACM New York, USA, pp 59-64.	2014
Conference Proceedings	Schmid, S. Ziegler, J. Gross, T. Hitz, M. Psarra, A. Corbellini, G. Mangold, S. Disney Research Zurich, ETH Zurich (In)visible Light Communication: Combining Illumination and Communication. Proceedings of the ACM SIGGRAPH 2014 Emerging Technologies Conference, Vancouver, Canada, August 10-14, ACM New York, USA, Article No. 13.	2014
Conference Poster/Demo	Koutsomichalis, M. Psarra, A. & Varela M., Oiko-nomic Threads. Subtle Technologies, Open Culture: Participatory Practices in Art & Science Conference, May 20-31, Toronto, Canada.	2014
Conference Proceedings	Papageorgiou, A. & Psarra, A. Haptic City, A Workshop Based Project. Proceedings of the 2013 Hybrid City II: Subtle Revolutions Conference, May 22-25, Athens, Greece, University Research Institute of Applied Communication, pp. 466.	2013
Book Chapter	Psarra, A. & Varela, M., Cultural Politics in an era of financial crisis: The case of Athens. Published in "Die Kunst der Kulturpolitik", IG Kultur Steiermark, Graz, Austria, pp. 78-82.	2013
Talks Symposium	Tribe Against machine TAF Taipei, Taiwan Tradition meets Technology: Crafting with the Atayal t	September 2017
Conference	Eyeo Festival Minneapolis, USA E-textiles: Hand-crafting technological artifacts	June 2017

Conference	Consilience Event: <i>Integrating Diverse Approaches</i> <i>to Communicating the Complexities of Science</i> Institute for Systems Biology (ISB), Seattle, USA <i>E-textiles: Hand-crafting technological artifacts</i>	May 2017
Symposium	CyborGrrrls Technofeminist Meeting Medialab MX - Casa Gomorra - Atea, Mexico City <i>Cyberpunk & Wearables</i>	March 2017
Conference	ICAS (International Community of Artists Scholars) Root Division, San Francisco, USA <i>E-textiles as Practice & Research</i>	March 2017
Artist Talk	Digital Wednesdays at Hybrids Onassis Cultural Centre, Athens, Greece <i>E-textiles: Hand-crafting technological artifacts</i>	November 2016
Artist Talk	Subnet 2015 Subnet, Salzburg, Austria <i>Hand-crafted Futures</i>	December 2015
Conference	Electronic Visualisation & The Arts EVA Conference, BCS, London, UK Koutsomichalis, M. & Psarra, A. <i>Computer-aided Weaving: From Numerical</i> <i>Data to Algorithmic Textiles</i>	July 2015
Symposium	Adhocracy Symposium Onassis Cultural Centre, Athens, Greece Psarra, A. & Varela, M. <i>Urban Design Fiction Hackathon</i>	June 2015
Conference	The Performer In The 21st Century Michael Cacoyannis Foundation, Athens, Greece <i>Digital Craftsmanship and the "Maker" as a Performer</i>	March 2015
Artist Talk	Fablab Barcelona IAAC (Institute of Adcanced Architecture of Catalonia), Barcelona, Spain <i>Presentation of personal work</i>	May 2014
Conference	Future Innovators Summit Ars Electronica 2014 Festival C What it takes to Change, Linz, Austria <i>Hand-crafted Futures</i>	September 2014
Conference	Innovative, Open & Economically Sustainable Models of Creative Production National Documentation Centre, Athens, Greece Koutsomichalis, M. Psarra, A. & Varela, M. Oiko-nomic Threads	September 2013
Conference	FOSSCOMM 2013 (Free Open Source Software and Communities Meeting) Harokopio University of Athens, Greece Creative Applications of the LilyPad Arduino Microcontroller	April 2013

Conference	Sonic Art-Interdisciplinary Approaches University of Ioannina, Greece Wearable Technology: New Interfaces for the Control of Sound	April 2013
Conference	Creative Applications of Open Source Technologies IEK Agiou Dimitriou, Athens, Greece <i>E-Textiles and Wearable Technology</i>	March 2015
Artist Talk	School of Fine Arts, Athens, Greece Digital Arts M.A. Program <i>Creating E-textiles</i>	February 2013
Selected Exhibitions		
2017	ISWC Design Exhibition The 21st International Symposium on Wearable Comp Maui, Hawaii, USA Tribe Against Machine Red Room TAF Taipei, Taiwan The Alchemists of Art & Science Ars Electronica Center Linz, Austria	outers
2016	The Alchemists of Art & Science Ars Electronica Center Linz, Austria Hybrids: On the Bordeline between Art & Science Onassis Cultural Center, Athens, Greece Endless Prototyping Volkswagen Forum, Berlin, Germany Reverberadas Etopia, Zaragoza, Spain	
2015	Videobrasil 2015 Southern Panoramas 19th Contemporary Art Festival Sesc_Videobrasil, Sao WRO 2015 Test Exposure 16th Media Art Biennale, Wroclaw, Poland Adhocracy Onassis Cultural Centre, Athens, Greece	Paolo, Brasil
2014	Rematerialising Culture Michael Cacoyannis Foundation, Athens, Greece ISWC Design Exhibition The 18th International Symposium on Wearable Computers. Seattle, US Future Innovators Summit Ars Electronica 2014 C What it takes to Change Linz, Austria No Country For Young Men Bozar Museum of Contemporary Art, Brusselles, Belgi FAB10 Tangibility Exhibition Barcelona, Spain Past Future - Future Part Transmediale 2014 Afterglow Berlin, Germany	um

2013	Piksel 13 RIOT Bergen, Norway A-Fresh, A New Generation of Greek Artists Museum of Contemporary Art, Athens, Greece MakerFaire Rome Palazzo Congressi, Rome, Italy If sports is the brother of labor, then art is the cousin of unemployment Pindaros Hotel, Athens, Greece Zootrope CAMP, Athens, Greece Unseen Cinema School of Fine Arts, UCM, Madrid, Spain Parabole Goëthe Institute, Sofia, Bulgaria
2012	Piksel [X] Kernel Panic Bergen, Norway Amber'12 Paratactic Commons Istanbul, Turkey
	Zootrope CAMP, Athens, Greece Downtime (Post-domestic Fiction) Kokona Buriti, Syros, Greece Frown, Athens, Greece
2011	ReMap 3 Frown, Athens, Greece After (Fill in the artist's name) Espacio Menosuno, Madrid, Spain I love your work "Identities" Espacio 8, Madrid, Spain
2010	Small Is Smart Artower Gallery, Athens, Greece Young Prize in Plastic Arts Complutense University Foundation Museum of America, Madrid, Spain Oue nos corten la cabeza! Sala de la Lonja, Matadero, Madrid, Spain
2009	II Digital Art Exhibition Experimentarte UGT, Madrid, Spain Do It Yourself - No Idea Espacio Menosuno, Madrid, Spain Dourouti Monastery Foundation Art Prize Cultural Centre of Ioannina, Greece
2007	Kodra Action Field Bienal of Salonica, Greece Athens Video Art Festival Technopolis, Athens, Greece Latina District Madrid-Young Art Prize Latina Cultural Centre, Madrid, Spain

2006	Pop, Blasé & Kitsch Ios Gallery, Athens, Greece
2005	Image, Light & Sound For The Human Evolution Cultural Centre of Barceloneta, Barcelona, Spain
2004	Abierto Por Obras Grupo Cruce Gallery, Madrid, Spain
Live Performances 2017	Gallery 1412 Seattle, USA CyborGrrrls Technofeminist Meeting Atea, Mexico City, Mexico ICAS (International Community of Artists Scholars) Root Division, San Francisco, USA
2016	Multiversal Boiler, Athens, Greece
2015	#AST 2015 (Art, Science and Technology) Le Magasin - Cnac, Grenoble, France Steim (Studio for Electro-Instrumental Music) Amsterdam, The Netherlands
2014	Phormix pres. NAUSEA 01 SpaceUnder, Athens, Greece Athens Video Art Festival Technopolis, Athens, Greece Ars Electronica CWhat it takes to Change MusicMonday Program & Stadtwerkstatt Program The Soft, The Hard and The Wet Linz, Austria Galerija Močvara Zagreb, Croatia
2013	Piksel 13 RIOT Bergen, Norway Electropixel Festival Apo33, Nantes, France Sonic Art-Interdisciplinary Approaches Ioannina,Greece A. Psarra & Al Margolis/If, Bwanna Frown Athens, Greece AV Format Presents Salon Bruit Berlin, Germany CTM.13 The Golden Age The Gloves Hacklab performances Berlin, Germany
2012	Athens Plaython Festival Technopolis, Athens, Greece

Festivals

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2017	Eyeo Festival Minneapolis, USA
2016	Ars Electronica Radical Atoms & The Alchemists of Our Time Linz, Austria
2015	Videobrasil 2015 Southern Panoramas Sao Paolo, Brasil #AST 2015 Grenoble, France WRO 2015 Test Exposure Wroclaw, Poland
2014	Maintenant Festival Rennes, France Athens Video Art Festival Athens, Greece Schmiede Festival Salzburg, Austria Ars Electronica C.What It Takes To Change Linz, Austria Transmediale 14 Afterglow Berlin, Germany
2013	Piksel 13 RIOT Bergen, Norway MakerFaire Rome Rome Italy Electropixel Festival Nantes, France CTM.13 The Golden Age Berlin, Germany
2012	Piksel [X] Kernel Panic Bergen , Norway Amber'12 Paratactic Commons Istanbul, Turkey Athens Plaython Athens, Greece

Artistic Residencies

2016	Reverberadas Art and Science Residency Etopia, Centre for Art and Technology, Zaragoza, Spain In collaboration with experimental physisist and data scientist Cécile Lapoire to develop the interdisciplinary project <i>Cosmic Bitcasting</i> (a wearable cosmic ray detector).
2015	Maker In Residence at WeMake Milan, Italy In collaboration with architect Dafni Papadopoulou to develop <i>The Culture Series</i> (wearable prototypes that combine e-textiles, parametric design and digital fabrication practices).
2014	The Soft, The Hard & The Wet Stattwerkstatt, Linz, Austria A series of residencies curated by Shulea Cheang to develop <i>Divergence</i> (a wearable electromagnetic field detector).
2014	Fablab Barcelona Residency IAAC, Barcelona, Spain ESTN (European Science and Technology Network) Program to develop <i>Soft-Articulations</i> (wearable prototype for sound performance that combines e-textiles and digital fabrication practices).

Additional Education

Courses 2012-2013	Sound Synthesis & Electronic Music (Contemporary Sound Synthesis Techniques and SuperCollider) by Marinos Koutsomichalis, PhD Contemporary Music Research Center (CMRC-KSYME), Athens, Greece
2012	Human-Computer Interaction on-line course by Scott Clemmer, PhD Stanford University via Coursera.org

Participation in Workshops		
2015	Brain-Computer Interfaces by Pythagoras Karampiperis, PhD Computational Systems & Human Mind Research Unit, Summer School National Centre for Scientific Research "Demokritos", Athens, Greece	
2014	E-Textiles Live Lab by Kobakant Schmiede Festival, Salzburg, Austria	
2013	Electromagnetic Cityscape by Roger 10-4 Dataplay/Dataspiel Program by Goëthe Institute Frown, Athens, Greece The Gloves Hacklab by Imogen Heap and The Gloves Team The MusicMakers Hacklab Program, CTM Festival, Berlin, Germany	
2012	How To Build A New Legal Identity by Heith Bunting Based on the artist's <i>Status Project</i> Frown, Athens, Greece Arduinomash by Artemis Papageorgiou Frown, Athens, Greece DamnLab (Arduino, OpenFrameworks, SuperCollider) by Marinos Koutsomichalis. Frown, Athens, Greece	
2011	Cloud Chamber: Subatomic Aesthetics by Dmitry Gelfand and Evelina Domnitch. La Casa Encendida, Madrid, Spain Desvisualizar: Uki Virus Project by Shulea Cheang Medialab-Prado, Madrid, Spain	
2010	Flux Skool Workshops (Isadora, Processing, Pd-Extended) by Flux Studio Creation. Intermediae, Matadero, Madrid Playlab: Uki Virus Projet by Shulea Cheang Medialab-Prado, Madrid, Spain	
2009	 Creative Programming II (C++, Openframeworks, Processing, Arduino, Pd) by Pablo Ripollés, Ángela Ramos, Enrique, Esteban, Jorge Cano, and Chris Sugrue. Medialab-Prado, Madrid, Spain. NetArt by Ricardo Dominguez Circulo de Bellas Artes, Madrid, Spain. Uki Virus: A Cyberfeminist Video-Game by Shulea Cheang La Casa Encendida, Madrid, Spain. Video and Body by Susana Blas La Casa Encendida, Madrid, Spain. 	
2008	Light, Space and Perception by Daniel Canogar Medialab-Prado, Madrid, Spain. Programming Logic for Creative Uses (C++, Openframeworks, Processing, Arduino, Pd) by Enrique Esteban, Enrique Tomás and Pablo Ripollés. Medialab-Prado, Madrid, Spain.	
2007	International Workshop of The Technologies of The Body by Jaime del Val, Stelarc and Sandy Stone La Casa Encendida, Madrid, Spain.	
2006	Low-Tech Story Making by Zachary Lieberman Medialab-Conte Duque, Madrid, Spain.	