

CURRICULUM VITAE

Personal Details

Name Dr. Stella Paschalidou, lecturer in Sound and Acoustic Technology
Address Hellenic Mediterranean University
School of Music & Optoacoustic Technologies
Dept. in Music Technology & Acoustics
E. Daskalaki, 74133 Rethymno, Greece
e-mail pashalidou@hmu.gr
Telephone +30 2831021918

Scientific Interests

Keywords

- Music and Movement
- Music Embodiment
- Human-computer interaction in music performance
- New electronic musical instruments
- Computational ethnomusicology
- Hindustani vocal music (Dhrupad)

Formal Education

2010-2017
PhD in Music (part-time)

Institution	Durham University, UK - Music Department
Thesis	Effort in gestural interactions with imaginary objects in Hindustani Dhrupad vocal music
Supervisors	prof. Martin Clayton and prof. Tuomas Eerola
Keywords	Music & Movement, Classical Indian singing, Human-Computer Interaction, motion capturing

2002-2003
MSc in Music Technology

Institution	University of York, UK - Music and Electronics Department
Grade	70% in taught courses and 75% in final project
Thesis	Alternative Control of Digital Audio Effects
Supervisors	prof. Andy Hunt and prof. Damian Murphy
Keywords	HCI in music performance, gestural control of audio FX, mapping

1994-2000
BSc in Physics

Institution	Aristotle University of Thessaloniki, Greece - Physics Department
Grade	8.5/10
Thesis	Study of the chaotic behaviour in Chua's third order canonical electrical oscillator
Supervisors	prof. Ioannis Kyprianidis and prof. Ioannis Stoumpoulos
Keywords	Non-linear electric circuits

1988-1994
High School

German School of Thessaloniki

- German final exams certificate (Abitur): 1.5
- Greek final exams certificate: 18.4/20

Teaching Experience

2004 – date Lecturer in Music Technology & Acoustics Higher Education	Institution	Hellenic Mediterranean University (HMU) (previously known as Technological and Educational Institute (TEI) of Crete) Dept. of Music Technology and Acoustics
	2010 – date	Lecturer – tenured
	2004 – 2010	Contract-based teaching assistant
	Taught modules (current & past)	Postgraduate: - Music & Movement Undergraduate: - Introduction to Audio Programming Environments - Seminar in Music & Movement / New Electronic Musical Instruments / Music interaction - Applied Acoustics - Audio Communication Protocols - Supervision of final projects
	Writing of Lecture Notes	- Audio Communication Protocols - Applied Acoustics

2007 – 2008 Music Technology Vocational Training	Institution	Public Institute of Vocational Education and Training (IEK)
	Taught modules	- Introduction to Computer Music Synthesis Techniques - Introduction to Computers

2006 – 2008 Physics High-school	Institution	Public high-school
	Taught modules	Physics

Administrative Experience

2018 –date HMU Music Technology & Acoustics Higher Education		Erasmus+ Departmental Coordinator
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Other Professional Experience

2000 –2002 Software Engineer in Telecommunications	Institution	Siemens A.E. Software Center, R&D Athens, dept. of “Development, Innovations and Projects” (DI&P)
	Main tasks	- Software development (Assembly) for Switching Centre Control - Testing (offline & online) of Wireline Communication Networks - Intranet development and webmastering

Publications

Conferences with Proceedings

- Paschalidou, S., Clayton, M., & Eerola, T. (2018). [Effort-voice relationships in interactions with imaginary objects in Hindustani vocal music](#). In: *Proceedings of the 8th International Workshop on Folk Music Analysis (FMA)*, Thessaloniki, Greece: Aristotle University of Thessaloniki (pp. 80-81)
- Paschalidou, S., Clayton, M., & Eerola, T. (2018). [Effort in gestural interactions with imaginary objects in the context of Dhrupad vocal improvisation](#). In: *Proceedings of the 11th International Conference of Students of Systematic Musicology (SysMus18)*, Belo Horizonte, Brazil (pp. 5-9)
- Paschalidou, S., Clayton, M., Eerola, T. (2017). [Mapping physical effort to gesture and sound during interactions with imaginary objects in Hindustani vocal music](#). European Society for Cognitive Sciences of Music (ESCOM) Conference, Ghent, Belgium
- Paschalidou, S., Clayton, M., & Eerola, T. (2017, June). [Effort in Interactions with Imaginary Objects in Hindustani Vocal Music—Towards Enhancing Gesture-Controlled Virtual Instruments](#). In *Proceedings of the 2017 International Symposium on Musical Acoust, Montreal, QC, Canada* (pp. 18-22).
- Paschalidou, S., Eerola, T., & Clayton, M. (2016). [Voice and movement as predictors of gesture types and physical effort in virtual object interactions of classical Indian singing](#). In: *Proceedings of the 3rd International Symposium on Movement and Computing (MOCO)* (p. 45). ACM
- Mancas, R., Glowinski, D., Brunet, P., Cavallero, F., Macy, C., Maes, P. J., Paschalidou, S., Rajagopal, M.K., Schibeci, S., Vincze, L. & Volpe, G. (2009). [Hypersocial museum: Addressing the social interaction challenge with museum scenarios and attention-based approaches](#). In *eNTERFACE'09 Summer Workshop* (Vol. 2, No. 3, pp. 91-96). Faculté Polytechnique de Mons
- Hermann T., Paschalidou S., Beckmann D., Ritter H. (2006) [Gestural Interactions for Multi-parameter Audio Control and Audification](#). In: *Gibet S., Courty N., Kamp JF. (eds) Gesture in Human-Computer Interaction and Simulation. GW 2005*. Lecture Notes in Computer Science, vol 3881. Springer, Berlin, Heidelberg
- Stoumpoulos, I.N., Kyprianidis I.M., Charalampidis, P., Kouremeti, N., Paschalidou, S. (2000). Chaos and Hyperchaos in a non-linear, non-autonomous electrical circuit of fourth grade. In: *Bountis T., Pnevmatikos S. (eds) Order and Chaos in Non-linear Dynamic Systems (Τάξη και Χάος στα μη γραμμικά δυναμικά συστήματα)*, Vol. 6, Pnevmatikos Y.A. (Πνευματικός Γ.Α.), Athens

Conferences without Proceedings

- Paschalidou, S. & Clayton, M. (2015). [Towards a sound-gesture analysis in Hindustani dhrupad vocal music: effort and rag space](#). International Conference on the Multimodal Experience of Music (ICMEM), Sheffield, UK
- Paschalidou, S. (2011). Understanding the relationships between voice and gestures in Hindustani singing. Indian Musicological Society (IMS) Conference on "Studies and Research: Text", Mumbai, India

Grants / Scholarships

2010
PhD level
partly funded

Open University and Durham University, fully-funded 1.5 years (prior to tenure track at TEI of Crete, Greece)

2009
Travel Grant

STSM (Short Term Scientific Mission) at the University of Genova, Italy with prof. Antonio Camurri in the framework of the COST IC0601-SID (Sonic Interaction Design). Research objective: studies on the education procedures in oral music traditions

2004
Travel Grant

STSM (Short Term Scientific Mission) at Bielefeld University, Germany with prof. Thomas Hermann in the framework of the COST Action Cost287-ConGAS (Gesture CONTROLled Audio Systems) in Multidisciplinary Integrated Applications (WG3). Research objective: Integration of two multimodal gestural control systems: for DAFx & Sonification/Data Exploration

1998
Erasmus

Visiting student at the university of Dortmund, Germany, physics department

Workshops / Summer Schools (attendance)

NordicSMC Winter School
4-8.3.19

The 1st NordicSMC Winter School on sound and motion analysis.
University of Oslo, RITMO, Oslo, Norway

eINTERFACE '09
13.7-7.08.09

The 5th International Summer School on interactive multimodal systems.
University of Genova, Infomus Lab – DIST, Genova, Italy

SID Training School
20-22.2.2008

Funded participation on the Sonic Interaction Design Training School on Biomedical Data Sonification, COST IC0601 SID Training School, Bielefeld University, Germany

Mo-Vi Lab
10-13.11.2007

Movement-Video Lab Workshop in the framework of the 'Amber festival '07', Istanbul, Turkey

Eyesweb Week 2
11-15.2.2008

Workshop on the Eyesweb platform, Infomus Lab - DIST, University of Genova, Italy

Choreographic Computations
4.6.2006

Workshop on 'Choreographic Computations: Motion Capture and Analysis for Dance', IRCAM - Centre Pompidou, Paris, France

Eyesweb Week
6-11.2.2006

Workshop on the Eyesweb platform, Infomus Lab - DIST, University of Genova, Italy

Kyma system
22-24.11.2004

Workshop on the Kyma system, Ioanian University, Corfu, Greece

Advanced Physics
1-15.7.1997

Summer School on 'Laser Applications in Modern Physics', University of Crete, Heraklion, Greece

Event Organizations

SoMoS Symposium
KTH Royal Institute of
Technology, Stockholm
25-27.9.2020

Program Committee Member of the 1st Symposium of the ICTM Study Group on Sound, Movement and the Sciences (SoMoS)

Digital Live Streaming for the
15th, 14th and 13th
International Documentary Film
Festival of Thessaloniki
- 18-22.3.2013
- 12-16.3.2012
- 14-18.3.2011

Organizing the digital live streaming of documentary films from Thessaloniki to Rethymno - Music Technology & Acoustics Eng. Department of the TEI of Crete, Greece

Days of Electroacoustic Music
- 2-4.12.2011
- 21-28.10.2008

Member of the Organization Committee of 'Days of Electroacoustic Music' festival in 2011 and 2008 at the TEI of Crete, Dept. of Music Technology and Acoustics Eng., Rethymno, Greece

Acoustic Ecology
26-27.2.2011

Member of the Organization Committee of the 'Acoustic Ecology' conference, TEI of Crete, Dept. of Music Technology and Acoustics Eng., Rethymno, Greece

Additional Qualifications

Experience with

audio and motion data

Matlab, Rstudio, Max/Msp, Pure Data, SuperCollider, Eyesweb, Arena/Optitrack

Languages

Fluent in 3 languages

- Greek: native speaker
- German: fluent – German high school / Abitur exams
- English: fluent – Cambridge First Certificate, TOEFL and PhD/MSc in the UK

Music

Non-formal training

- Piano: 1987 – 1992 (private lessons)
- A number of workshops on Classical Indian singing by Zia Farididdin Dagar, Marianne Svasek, Nirmalya Dey, Bahauddin Dagar
- A large number of workshops at the Labyrinth Music Workshop run by Ross Daly between 2007-2010, such as:
 - Turkish Oud & Classical Turkish music
 - Singing (Classical Turkish and Afghan)
 - Percussion (Iranian tombak)