



# Antonios K. Botonakis

## University Education

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- Doctorate in Musicology, Department of Music Studies, National and Kapodistrian University of Athens, 2013  
Concentrations: Musicology, Byzantine Music History, Explanation of theoretical treatises, Paleography  
Doctoral thesis: *Ioannes Plousiadenos and the chantic art during his period (1450 – 1500)*
- Bachelor of Arts, Department of Music Studies, National and Kapodistrian University of Athens, 2000  
Concentrations: Musicology, Western Music, Byzantine Music, Ancient Greek Music, Music Software – MIDI & Audio editing, Music Education Systems, Music Paleography, Instrumentation

## Education in Music

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- “Jazz Composition” by Berklee Online – Berklee College of Music, 2015
- “Developing your musicianship” by Berklee College of Music on Coursera, 2014
- “Songwriting” by Berklee College of Music on Coursera, 2014
- Fugue diploma, National Conservatory of Athens, 2000
- Byzantine – Eastern music diploma, National Conservatory of Athens, 2000
- Counterpoint diploma, National Conservatory of Athens, 1998
- Harmony diploma, National Conservatory of Athens, 1996
- Vocal Studies diploma, National Conservatory of Athens, 1995

## Education in Computers - Informatics

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- Certification on “Use of Web-based education systems, including online learning and online education through the Moodle collaborative Platform”, Ministry of Education and Religious Affairs, Crete, 2017
- Certification on “Web 2.0 Education Tools”, e-Twinning Greece, 2016
- “Modern Musician”, a 3-course specialization by Berklee College of Music on Coursera, 2015
- Certified Cubase User by Steinberg and SAE Institute / Creative Media Institute of Athens, 2014
- “Introduction to Music Production” (with distinction) by Berklee College of Music on Coursera, 2014
- “Songwriting” by Berklee College of Music on Coursera, 2014
- “Developing your musicianship” by Berklee College of Music on Coursera, 2014
- Certification on ICT Tools, Ministry of Education and Religious Affairs of Greece, 2008
- Microsoft Master Instructor by Microsoft, Athens, 2004
- Microsoft Office Specialist by Microsoft, Athens, 2003

## University Teaching Experience

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### Laboratory Teaching Staff

Department of Music Technology and Acoustics Engineering, School of Applied Sciences, Technological Educational Institute of Crete, Ministry of Education and Religious Affairs, Crete, Oct. 2017 - Present

([www.teicrete.gr/mta/en](http://www.teicrete.gr/mta/en))

### Temporary Lecturer

Ecclesiastical Academy of the Ecumenical Patriarchate, Ministry of Education and Religious Affairs, Crete, Sep. 2008 – Sep. 2017

([www.aeahk.gr](http://www.aeahk.gr))

- Courses: Introduction to Informatics, Informatics in religious services, Introduction to Western Music, Introduction to Byzantine Music, Western Music History, Performing Methods of traditional music instruments, Western Music (Harmony), Folk Music tradition, Morphology of byzantine and western notation systems.
  - Taught weekly music and computer lessons to undergraduate students
  - Developed syllabus defining performance and practice expectations
  - Established and taught daily music theory class, including singing, ear training and part-writing on staff and on computer, via MIDI keyboard, on Finale, Sibelius and MuseScore, on Windows and Os X platforms
  - Organized studio rehearsals, studio recitals and studio recordings
  - Successfully created an Open e-class space for academic purposes and introduced students to creating web pages using Joomla Open Source Code and Adobe's Dreamweaver
  - Conducted a series of Informatics lessons on the area of music recording and video - picture editing, such as GIMP and Audacity

### Temporary Lecturer

Department of Applied Informatics and Multimedia, School of Engineering, Technological Educational Institute of Crete, Ministry of Education and Religious Affairs, Crete, Sep. 2005 – Aug. 2008

([www.teicrete.gr/ie/en](http://www.teicrete.gr/ie/en))

- Courses: Modern Technologies in Music, MIDI creation and computer based music composition, Software – MIDI, Audio Recording – Editing, Music Acoustics – Sound design on acoustic rooms.
  - Taught weekly computer lessons to undergraduate students
  - Developed lesson plans and taught the operating method of music composition on computer software
  - Taught multimedia software and mobile applications, in terms of webpage setup, movie clip making, picture and video editing such as Adobe's Premiere, Flash, Dreamweaver and Photoshop
  - Organized studio recordings and demonstrated sound waves properties and audio – MIDI manipulation with the use of software such as Sony's SoundForge, Steinberg's Cubase and Wavelab, Propellerhead's Reason and Audacity
  - Scientific collaborator in courses in the area of modern technologies in music and audio technology

## Honors, Awards and Scholarships

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- Honorary Scholarship for performance in composition and audio recording production, Berklee Online – Berklee College of Music, 2015
- Scholarship for University Studies, National and Kapodistrian University of Athens, 1996 – 2000

## Additional Teaching Competencies

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- I organized and performed a 72-hour long educational seminar, as an Informatics Instructor, to music teachers of Primary and Secondary Education of Crete, concerning the examination and the characteristics of the term *Music Technology* as a whole, Heraclion, 2014 - 2015
  - Courses: Audio editing, Midi Editing, Part-writing on staff using notation software, Consoles and peripheral audio devices, ICT Tools in education
- I collaborated and evaluated the educational software *Magos – Making Games in Collaboration for Learning*, as a representative of the Greek Association of Music Teachers, along with the Ecclesiastical Academy of the Ecumenical Patriarchate, the Istituto Per le Tecnologie Didattiche, the Leuven Universiteit, the Manchester Metropolitan University and the Tampere University of Technology, 2014
- I worked as a full-time music teacher in Secondary Education, Ministry of Education and Religious Affairs, 2011 - present
- I informed and lectured teachers of various specializations of both Primary and Secondary Education as an Informatics Tutor, Regional Educational Centre of Crete, Heraclion
  - Courses: Sample teaching – Evaluation (2010)
  - Use of new technologies / Advanced Powerpoint and Internet (2008)
  - Music and Movement Education (2009)
  - Use of new technologies during the teaching procedure (2007)
  - Sample teaching – design – presentation – evaluation (2006 – 2007), Music and Movement Education (2005)
- I was appointed full-time music teacher in Primary Education, Ministry of Education and Religious Affairs, 2004 – 2011
- I worked as an Informatics teacher on preparing students for ECDL and MOS diplomas, Athens, 2003 – 2005
- Member of the Scientific Committee of *Neos Paidagogos, 3<sup>rd</sup> National Conference*, Ministry of Education and Religious Affairs, Athens 2015
- Member of the Scientific Committee for *The Promotion of Educational Innovation, 2<sup>nd</sup> National Conference*, in association with the Regional Directorate of Primary and Secondary Education of Thessaly, the University of Thessaly and the Technological Education Institute of Thessaly, 2015
- Member of the Scientific Committee of *Neos Paidagogos, 1<sup>st</sup> National Conference*, Ministry of Education and Religious Affairs, Athens 2014

## Other Experience

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- Certification on “Management of Educational Organisations”, Scientific Association for the Promotion of Educational Innovation, Larisa, 2018
- Certification on “Adult Training”, Scientific Association for the Promotion of Educational Innovation, Larisa, 2017
- Choral Music Teacher of the Pancretan Association of Musicians / Artists, 2004 – 2006
- Member of the Byzantine Choir *The Maestros of the Psaltic Art*, Athens, 1996 - 2004
- Member of the Western Music Choir of the National and Kapodistrian University of Athens, 1995 – 2000
- Member of the Cretan Philharmonic Orchestra – Saxophone player, Heraclion, 1992 – 1995

## Language Skills

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- English, full professional proficiency
  - Certificate of Proficiency in English, University of Cambridge, 1995
  - Certificate of Proficiency in English, University of Michigan, 1995
- French, basic speaking and reading knowledge

## Special Skills

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- Piano studies – 15 years
- Excellent knowledge of audio recording and audio – MIDI editing software
  - Steinberg Cubase, Steinberg Nuendo, Audacity, Sony Sound Forge, Steinberg Wavelab, Propellerhead Reason, Μελωδός (Byzantine notation software), Use of several VSTi banks and effects, Distant recording techniques
- Excellent knowledge of score-writing software
  - Avid Sibelius, Makemusic Finale, Musescore
- Excellent knowledge of ear-training software
  - Rising Software’s Auralia, Rising Software’s Musition 5, Ear Master
- Excellent knowledge of music hardware and peripherals
  - Analog – Digital Mixers, Sound Cards (internal – external), types of microphones, cables
- Excellent knowledge of recording live performances – concerts
- Excellent knowledge of office applications
  - Microsoft Office, Libre Office, Open Office
- Extensive knowledge of CTS (Content management Systems)
  - Joomla
  - Wordpress

- Adobe Photoshop / GIMP – intermediate knowledge
- Adobe Dreamweaver / Magix / Windows Movie Maker – intermediate knowledge
- Windows Platform – excellent knowledge
- Ubuntu Platform / Os X Platform– intermediate knowledge
- Web 2.0 Tools – excellent knowledge
- Google Apps and Cloud sharing applications – excellent knowledge

### **Membership in Scientific Associations**

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- Member of the Scientific Committee of *Neos Paidagogos*, 4<sup>th</sup> National Conference, Ministry of Education and Religious Affairs, Athens 2016
- Member of the Scientific Committee for *The Promotion of Educational Innovation*, 1<sup>st</sup> National Conference, in association with the Regional Directorate of Primary and Secondary Education of Thessaly, the University of Thessaly and the Technological Education Institute of Thessaly, 2015
- Scientific Staff and Evaluator of the “New Courses of Study – Music and Music Technology in Secondary Education for Music Schools”, Institute of Educational Policy, Ministry of Education and Religious Affairs, Athens, 2015

### **Field of Research Interests**

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- Western Music, Byzantine Music, Ethnomusicology, Music Technology, Teaching music using software, Music Acoustics, Use of Web 2.0 tools in the learning procedure, Audio – video – picture editing, Music mathematics, Music History.

## Scientific Works

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### Doctoral thesis

- *Ioannes Plousiadenos and the chantic art during his period (1450 – 1500)* – (in press – in Greek)

### Publications (in peer-reviewed journals, Conference proceedings and Books)

- “Presentation and Collaboration among up-to-date software of Western and Eastern Music concerning visual imprint and audio playback”, Conference Proceedings of 4<sup>th</sup> National Conference of Central Macedonia, Vol. B’, pages 269 – 305, Thessaloniki, 2016 (in Greek)
- “The use of Information Communication Technology (ICT) during the learning procedure of Byzantine Chantic Art and of music, as a whole, Conference Proceedings of 1<sup>st</sup> International Interdisciplinary Musicological Conference, pages 154-1 to 154-13, Volos, 2015 (in Greek)
- “Ioannes Plousiadenos: Biography and explanation on his theoretical treatise *Ερμηνεία της Παραλλαγής*”, scientific yearbook of Patriarchal Ecclesiastical Academy of Crete, Vol. C’, pages 337 – 373, Heraclion, 2014 (in Greek)
- *Filippos Kteniadakis: A violinist from Galifa*, published by the Municipality of Hersonissos, Hersonissos, 2014
- “The music tradition of eastern Crete at the beginning of the 20<sup>th</sup> century”, Conference Proceedings of 1<sup>st</sup> International Ethnomusicological Conference, Heraclion, 2014 (in press – in Greek)
- *The Village of Mathia, music and life stories, Mathia*, published by the Municipality of Minoa Pediados, pages 129 – 146, Pediada, 2014
- *The Village of Skalani: Breath of music, anthologies of history and life*, published by the Cultural Association of Skalani, pages 255 – 264, Skalani, 2014

### Papers presented in Conferences

- Botonakis A. (2007), “Present technological music challenges and the role of the musician towards them”, 2<sup>nd</sup> National Conference, Ministry of Education and Religious Affairs (in Greek)
- Botonakis A. (2006), “From Thomas Edison to present: a detailed examination to the art of computer music creation”, 4<sup>th</sup> Conference of the Musicological Society of Cyprus (in Greek)
- Botonakis A. (2005) “Health issues to musicians caused from the extensive use of computers and technology”, Directorate of Secondary Education of Central Greece, Pyrgos – Iliia (in Greek)
- Botonakis A. (2005), “New Technologies and music teaching in Primary Education”, Ministry of Education and Religious Affairs of Greece (in Greek) attendance

### Attendance to Conferences

- “New Technologies and music teaching in Primary Education”, 1<sup>st</sup> National Conference of Music Teaching in Primary Education, Ministry of Education and Religious Affairs, Athens, 2005
- “Use of ICT Tools at teaching teaching procedure”, 3<sup>rd</sup> National Conference of Teachers and ICT Tools, Syros, 2005
- “Advanced Telecommunication and Informatics services for Primary Education: Creation and Support”, University of Crete, Heraclion, 2005

- “Acoustics 2006”, Greek Institute of Acoustics, Heraclion, 2006

## **Recordings**

### **As an arranger and producer**

- “Byzantine Hymns and Traditional Songs”, Patriarchal Ecclesiastical Academy of Crete, Heraclion, 2016
- “Lamentations and Hymns from the Holy Week” (Title in Greek “Εγκώμια και ύμνοι της Μεγάλης Εβδομάδος”), Technological Center of Research, Department of Informatics and Multimedia, Technological Education Institute of Crete, Heraclion, 2006

### **As an orchestrator, arranger and musician (pianist)**

- “Charisme: The Symmetry of Harmony” (Title in Greek “Χάρισμα: Η Συμμετρία της Αρμονίας”), The Railway Carriage Theatre *To Treno sto Rouf*, Athens, 2004
- “Imminent departure” (Title in Greek “Υπ’ αιμών”), The Railway Carriage Theatre *To Treno sto Rouf*, Athens, 2002

### **As a choir member of the Byzantine Choir *The Maestros of the Psaltic Art***

- “Byzantine Hymns and melodies from the East”, Patriarchal Ecclesiastical Academy Of Crete, Heraclion, 2015
- “The light of the world” (Title in Greek “Οίμοι, φώς του κόσμου”), Chants from the Holy Week, Athens, 2003
- “Chant for the God” (Title in Greek “Ψάλατε συνετός τω Θεώ”), 2th International Conference titled *Theory and Practice of Chanting Art*, Church of Greece, Institute of Byzantine Musicology, Athens, 2003
- “Byzantine and Gregorian Antifons” (Title in Greek “Ανατολικά Αντίφωνα”), The Maestros of the Psaltic Art, Athens, 2000
- “Beloved hymns” (Title in Greek “Ηχος καθαρών εορταζόντων”), The Maestros of the Psaltic Art, Athens, 1999

### **As a musician (pianist and saz player)**

- “Traditional Christmas Carols” (Title in Greek “Παραδοσιακά Χριστουγεννιάτικα Κάλαντα”), Technological Center of Research, Department of Informatics and Multimedia, Technological Education Institute of Crete, Heraclion, 2005
- “Traditional songs under the August moon” (Title in Greek “Βραδιά Πανδελήνου στο Μυστρά”), Ministry of Culture, Mystras, 2000

## **Musical Theatre Experience**

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- Pianist, Arranger, Orchestrator for the theatrical play “Imminent departure” (Title in Greek “Υπ’ αιμών”), The Railway Carriage Theatre *To Treno sto Rouf*, Athens, 2001 – 2003
- Pianist, Arranger, Orchestrator for the theatrical play “Charisme: The Symmetry of Harmony” (Title in Greek “Χάρισμα: Η Συμμετρία της Αρμονίας”), The Railway Carriage Theatre *To Treno sto Rouf*, Athens, 2003 – 2004