

The use of Information Communications Technology (ICT) during the learning procedure of Byzantine Chantic Art and of music as a whole, at the University Ecclesiastical Academy of Heraclion Crete, Department of Ecclesiastical Music and Chantic Art

Antonios Botonakis*

ampotonakis@gmail.com

The constant growth of the science of Informatics has improved the teaching and learning procedure via the use of Information Communication Technology (ICT). In the University of Ecclesiastical Academy of Heraclion Crete, Department of Ecclesiastical Music and Chantic Art, the subject of Byzantine Music, as well as that of music as a whole, is approached with extensive use of specialized music software, navigation in websites, vocal recording, audio editing and performance of selected byzantine musical pieces, from both male and female students.

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- *Antonios Botonakis was born in Heraclion, Crete in 1976. He studied at the University of Athens, Department of Musical Studies. He holds a Bachelor Degree and a Ph.D in Musicology. As a student of the National Conservatory of Greece he completed successfully the courses of Harmony, Counterpoint, Fugue and Byzantine Eastern Music. He is a certified Microsoft Master Instructor, of applications concerning the digital environment of Windows and Microsoft Office and a Steinberg Cubase User by SAE Institute and Steinberg Media Technologies. He participated in byzantine choirs: «Μαϊστορες της Ψαλτικής Τέχνης» cond. Gregorios Stathis, «Τρίκκης Μελωδοί» cond. Dimitrios Balageorgos, «Καλοφωνάρηδες της Βυζαντινής Μουσικής» cond. Georgios Remoundos and the Byzantine Choir of the National Conservatory of Greece cond. Spyridon Pavlakis. Choir member in the Western European Music Choir of the Department of Musical Studies at the University of Athens cond. Nikos Malliaras and the Choir of the National Conservatory of Greece cond. Valentinos Patrikidis. Piano and saz soloist at musical ensembles,. Pianist and orchestrator in theatrical plays in «Το Τρένο στο Ρούφ». Music teacher at the Primary Education in Heraclion, conducts the choir and the musical ensemble of «Παγκρήτιος Σύλλογος Κρητών Καλλιτεχνών». One year later he worked for the Technological Institute of Heraclion, Department of Applied Informatics and Multimedia, where he taught subjects such as Sound Editing, Acoustics Engineering, Audio Signal Processing as well as other multimedia applications for three years. Since 2008 he has been teaching at the University Ecclesiastical Academy of Heraclion Crete Western and Eastern notation, Audio Engineering, Sound Editing and Audio Recording. Along with Mr. Andreas Giakoumakis he is responsible for the Recording Studio and Music Laboratory areas located within the University campus. He has edited and produced two CDs, one with traditional Christmas carols (2005) and one with Hymns of the Holy Week (2008) as well as part of the newly released CD of the University Ecclesiastical Academy of Heraclion, which contains byzantines hymns and traditional – folk songs. He has also collaborated with Cretan Book Editions, by digitizing scores of traditional cretan songs and by making musicological remarks. He has been working with the Cretan Archbishop radio station, where he presents, along with his wife Eleftheria Verykaki, a radio program about well known musical pieces of Western music. In co-operation with the Ministry of Education of Greece he has taught to newly appointed music teachers subjects of Music Pedagogy (2005 – 2010). He has also participated in various conventions, related to the field of Informatics, Musicology and Music Technology.*