

Morphallaxis (2008)

for amplified flute, hand drum, violoncello and electronics

duration 10' minutes

Morphallaxis is a commission by Ircam premiered in 2008 by the ensemble *Alternance* in Paris. The title of the piece means recreation/ rebirth of a part from a part. It refers to an ongoing model of macro and micro structure which always is rebirth from its own again and again. The piece eschews harmony, melody, even intervallic relationships. It is rather focused to form a solid unified sonic image composed by gestures, articulations, postures, rhythmical figures, textures and spectrum changes all grouped into a single composite sonic entity.

The instrumental part of *Morphallaxis* is compiled out of 700 hundred sound samples that are previously performed by musicians of the ensemble *Alternance* and recorded at *Ircam* studios in Paris. The produced sound library has been analyzed and classified according to *MPEG-7* low-level descriptors by a computer system implemented on *MaxMSP* using *FTM* extension library.

During the performance the live electronics add to the possibilities and bridges the preprocessed musical part with this of the super compressed amplified instrumental part. The computer becomes one more member of the ensemble and contributes to the final outcome. It follows, collects, analyses, remembers, classifies to what the others do. It can make its own decisions and interact expressively with his "colleagues" having its own certain sound qualities, possibilities and limitations.

The fixed electronics part is an amalgam of concrete, synthesized sounds, instrumental and soundscape sounds which along with their references and their semiotics aim to create a reach sonic experience. - Panayiotis KOKORAS, February 2008, Thessaloniki -.

This piece awarded an Honorable Mention at the Bourges - 35e Concours International de Musique et d'Art Sonore Electroacoustiques in France