

Human creativity and the potential of autonomous robots: a glance into the future.

The robotic research nowadays focuses its attention on performance rather than other aspects of music, such as analysis or musicological research. The level of perfection is very high and surely it will be higher in the future. A robot can move its fingers and its lips, so it can produce all effects - a large range, I mean - composers use also in contemporary music. After this, there are differences between two characteristics of a player (not a robot but a man). These characteristics are complementary. The first is that a player plays music with an instrument, so he is a performer, and the second is that he interprets music, so he is an interpreter. So there are two different aspects: a rational one (the first) and an irrational (the second). The rational and irrational sides live together also in writing music. For example, starting from rational presuppositions, each of us during the studies develops a "sense of the form", or the way to arrange the instruments in an orchestra, and every time he begins to write a new work he has to plan how to organize the form of the work, or how to solve problems of orchestration. Looking for beauty permits us to establish a direct contact with the public, a large public, not only the public made by musicians. In this sense the composer must "capture" the listener: it is not sufficient to realize a good and interesting structure on a sheet of paper: this structure, and here we can say this composition, must be lovely to listen to. Each work of art is an expression of Beauty, and as the higher manifestation of Beauty is God, we would then say that each work of art is a manifestation of a part of the beauty of God.

Biography

Federico Favali graduated in piano in 2004 at Istituto "L.Boccherini"-Lucca. He studies composition at Istituto "R.Franci"-Siena, and musicology at the University of Bologna. He is working on a thesis on Berg's string quartet op.3. E-mail: federicofavali@supereva.it