

1056-C1-1020 **Rosanna Iembo*** (rosannaiembo@libero.it), via Federico Cozzolino 18, 84018 Scafati, Salerno, Italy, and **Irene Iaccarino**, via Interna Marina 19, 88900 Crotone, Italy. *ONCE UPON A TIME THERE WAS.....A epistemological "fable" of music and mathematics.*

It is said that Pythagoras, influenced by his travels in the ancient East, was convinced that music could influence on the moral behaviour of the persons. In his Pythagorean School this conception became a particular doctrine : the ethos doctrine. Such doctrine indicated the relations between music and the moods and also the respect of the rules and of the behavioural principles (the "paideia"). So all is number : but a number which is poetry, epistemology, philosophy, mathematics and music together. You will wonder why in the third millenium, we are here to tell these things and what is the link among Pythagoras, the violinist and me. Is very simple : we come from the city where Pythagoras founded the Pythagorean School and where he lived for forty years: Crotone, in the southern Italy. Being "followers" of his School we have learned to travel and love the intercultural dialogue and to think of mathematics as poetry which you can neither write nor read without a yearning musical "meditation" . During the presentation of this work the violinist will play classical music live (Received September 20, 2009)