

Description of composition $E=mc^2$

$E=mc^2$ is a solo piano composition inspired by Albert Einstein's famous equation, transforming it into a musical, symbolic, and philosophical language.

The opening motif is built from a tonal pattern derived from the physical symbols: E (energy), the double c (speed of light), and m (mass), which in the piece translates into E-flat as the third scale degree. From the initial sound of atoms—of “nothingness,” where the musical material merely suggests the spark of energy—the composition gradually gains form, mass, and strength. Various motifs portray different forms of life, evolving toward tonal, rhythmic, harmonic, melodic, and dynamic clarity. The inner expressive force builds until it reaches its culmination: a sonic embodiment of the transformation of energy into matter.

In the end, the material dissolves, returning to the intangible, where the initial theme reappears as a reminiscence—transformed through the experience of its own process, much like life itself. Ultimately, $E=mc^2$ is not only an exploration of a physical principle, but also a meditation on the life cycle: on creation, existence, and transformation that transcends the physical.

... like life itself – a flow that decays and renews within the eternal breath of the same energy ...

Lara Oprešnik