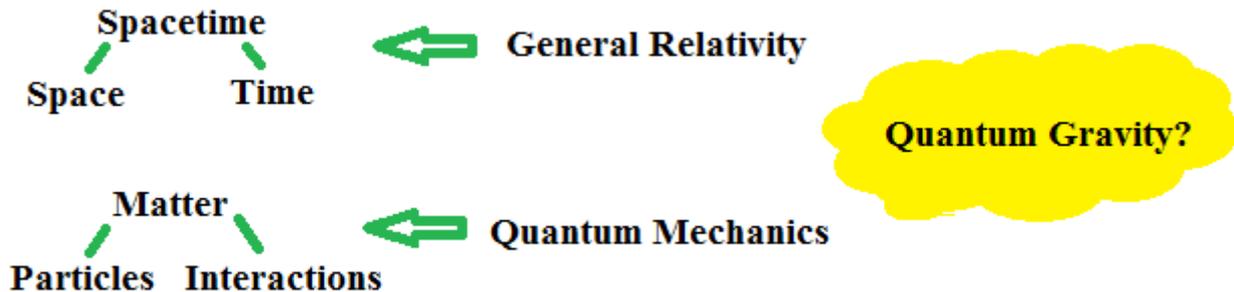


The model of the Universe.
 Gibadullin Arthur
 Nizhnevartovsk State University
 July, 2015



The general model of the Universe proved physically is **the matter in the spacetime**. Matter is described by quantum theory. Spacetime is described by relativistic theory. But these both theories are not perfect.

Spacetime is the notion that unifies notion of space and notion of time. Relativistic theory describes spacetime as non-euclidean space or manifold. Time is a coordinate of this space. But this spatial approach does not reflect features of time: anisotropy and flowing. There are many problems connected with time. For example, CTCs – closed timelike curves appear as solutions of general relativistic equations.

We can consider the **matter** as particles and interactions. In physics there are many problems with them: superunification, supersymmetry, baryonic asymmetry, dark matter etc.

Finally, no one can unify quantum mechanics and general relativity. The main reason is that matter and spacetime are very different concepts and their nature is not clear. **Quantum gravity** could solve this problem. Theoretically gravity caused by spacetime properties and simultaneously by hypothetical graviton particles.

Solution.

Years ago I proposed my theory of everything and my own model of the Universe as a solution of these problems. In Gibadullin's theory of everything matter and spacetime are unified into one concept – set of times that allows us to explain the whole Universe and all phenomena inside it.

