Contribution ID: **49** Type: **not specified**

Are there elementary particles or not ——Inspiration from Buddhism book

In flavor physics, an elementary particle refers to a subatomic particle with no sub structure, thus not composed of other particles. This definition sounds a little bit self-contradictory. How can the particle be an elementary particle if it cannot be measured by itself. Buddhist teacher S.N. Goenka describes Buddhadharma as a pure science of mind and matter. In one of the Buddhist books, there is a very inspiring saying. It is said that there is a net of pearls in the kingdom of Indra, which is arranged so that when you look at a pearl, you can see all the other pearls from its reflection. Similarly, every object in the world is not only itself, but includes all the other objects; in fact, it is other objects. In this saying, every object should have equal status, with no differentiation between elementary or non-elementary particles. All the particles dynamically interact with each other in a self-consistent manner. Therefore, the long-term debate on the really elementary particle may result from one reason: there is no elementary particle.

Primary author: Dr WAN, Xiaoming (Institute of Geographic Sciences and Natural Resources Research Chinese Academy of Sciences)

Presenter: Dr WAN, Xiaoming (Institute of Geographic Sciences and Natural Resources Research Chinese Academy of Sciences)