

## Conceptual Models vs Reality

In developing the Physics of our classical, macroscopic world we begin with the conceptual models fashioned by our sensory apparatus and construct mathematical models to calculate properties and behaviors. In developing the Physics of the unseen submicroscopic world we begin by constructing mathematical models (QM) to calculate observed properties and behaviors. It is tempting, and natural, to then construct conceptual models of the unseen realities. These are a product of our thinking habits and must be considered metaphors.

Bob Sciamanda