

## **Abstract**

This paper describes the people, ideas, and paradigms, during key points in history where the views of the nature of the universe and our place in it was fundamentally changed. The requirements for such a change included new ways of thinking each time, by the key people that became noted in our history, such as Tycho Brahe, Johannes Kepler, Nicholas Copernicus, Albert Einstein; and, contemporarily, people like Halton Arp, Michio Kaku and others.

The process of thinking done by each person, their belief systems, and the world they were living in, with the restrictions, beliefs and requirements for getting their research and ideas even to be considered by peers, all have had an impact on what ultimately they perceived first, then went on to prove and make into a new reality for the people that they reached. This thought process requires some measure of vision, intuition, and expanded perception of what is possible, beyond what most people would even consider or even attempt to contemplate because of the current consensus of reality. If we were to perform future research with this understanding and awareness in mind, what could be accomplished and how would this impact the world?