

Our Improbable Universe

The Evolution of Primordial Energy into Mind

Dr Michael Mallary**

Ever stop to consider how unlikely it is you're here, now, doing what you are doing? ***Our Improbable Universe**** will show you how "ordinary existence" is really extraordinary***. From the most practical point of view, we really are "star children": the iron in the blood of our veins originated in a stellar explosion billions of years ago. How likely is it that all the myriad conditions for life would come together so precisely? Without positing or denying the existence of a Creator behind it all, the answer to that question is humbling and fascinating. Along the way Dr. Michael Mallary summarizes the latest findings in cosmology – including string theory, high energy physics, and relativity.

Dr. Mallary received his S.B. degree in physics from M.I.T in 1966 and his PhD degree in Experimental High Energy Physics from the California Institute of Technology in 1972. His thesis investigated CP Symmetry Violation in kaon decay. This lecture discusses the connection between CP Asymmetry and the existence of matter in our universe. As an Assistant Professor in the physics department of Northeastern University he worked on an experiment at Fermi Laboratory that produced early evidence for the fifth quark in 1977. The connection between extra quarks and CP Asymmetry will also be discussed along with twelve other physical features of reality that had to be the way that they are in order for the raw energy of the Big Bang to have evolved into us.

Since 1980, Dr Mallary has worked on the design and modeling of heads and media for advanced magnetic disk drive recording. He has 49 publications, holds 60 patents. He is also an IEEE Fellow. Presently he is working on the development of Heat Assisted Magnetic Recording at the Seagate Research Center in Pittsburgh.

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*** See ImprobableUniverse.com for a summary and background information.