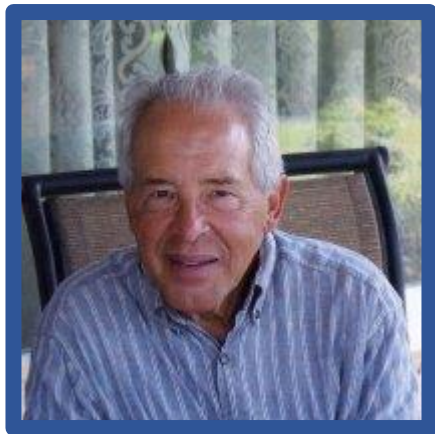


2016 Spring Meeting

April 30, 9:30 a.m.

From Chain to Tree: Ancient and Modern Structures for the Universe



Dr. J. Mailen Kootsey

Join us at the **Tierrasanta SDA Church**
11260 Clairemont Mesa Blvd.
San Diego, California 92124
Church phone: 858-576-9990

Dr. Kootsey has spent his career developing mathematical models as interactive simulations for research and learning in the fields of physiology, pharmacokinetics, biophysics, physics, computing including software development and user interface design, biomedical engineering, and physical chemistry. After receiving his undergraduate degree in physics at Pacific Union College, Dr. Kootsey continued in

physics at Brown University, receiving his Ph.D. in 1966. He has held numerous leadership and academic positions at Loma Linda University, Andrews University, Duke University, and private firms.

Dr Kootsey introduces his talk as follows:

For two millennia a philosophical construct called “The Great Chain of Being” defined the relationship between God and all living things on earth, including humans, for the Western world. The Chain of Being was important not only for philosophers, but also for religion, culture, and the arts. Beginning in the 18th Century, the Chain of Being faded in importance as experimental science discredited major conclusions from it, although some of the undermined conclusions still survive in public thinking. We will discuss an organizing concept from contemporary science that might be thought of as a replacement for the Chain of Being: “The (Great) Tree of Complexity.” From the structure of the Tree, strengths and weaknesses of current science can be clarified and a scientifically-credible description can be generated for the relationship between science and religion.



A *Meet the Speaker* lunch will immediately follow the 11 am worship service. The Tierrasanta SDA Church Adventurer club will be serving international themed meal to which all Forum members are invited.

The Adventurer club is hoping to raise funds for an upcoming camping trip and donations to defray the cost of the meal and support the kids on this trip are greatly appreciated!

