



*Laurance R. Doyle*

Dr. Doyle was raised along the California coast in the small town of Cambria. He attended San Diego State University and after receiving his Bachelor and Master of Science degrees in astronomy, he worked as an engineer with the Voyager spacecrafts in the Space Image Processing Group at the NASA Jet Propulsion Laboratory. He thereafter received his PhD from the University of Heidelberg in Germany in 1987 on radiative transfer modeling of Saturn's rings using Voyager spacecraft imaging data. Since 1987 he has been a Principal Investigator with the SETI Institute in Mountain View, California where his main projects have been the photometric detection of extrasolar planets, and the application of information theory to animal communications. He has been a visiting Lecturer at the University of California, Santa Cruz teaching classes on Life in the Universe, and Light & Optics, and has over one hundred refereed papers in the scientific literature. He was a Member of the NASA Kepler Mission Science Team with responsibility for detection of extrasolar planets around double star systems and made the first direct detection of a circumbinary planet, Kepler-16b. He has taught quantum physics, thermodynamics, introductory astronomy, history of science and Native American history at Principia College in Illinois. He is currently the Director of the Institute for the Metaphysics of Physics at Principia College, working with colleagues at the SETI Institute on starting the new field of quantum astronomy.