

DENNIS L. MATSON

Dr. Dennis Matson is a renowned Planetary Scientist. He has carried observations of solar system bodies and has developed methods for the interpretation of remote-sensing data. He has used imaging, spectrophotometry, radiometry, and spectroscopy in determinations of the surface states and compositions of atmosphereless solar system bodies. He has participated in the development of instrumentation for astronomical telescopes and spacecraft. He has carried out scientific investigations using the International Ultraviolet Explorer (IUE) and the Infrared Astronomical Satellite (IRAS) in orbit about the Earth, and with the Galileo and Cassini-Huygens spacecraft in the outer solar system.

Dennis has been the the Project Scientist for the Cassini-Huygens, and has led a team of more than 270 scientists in the United States and in Europe in carrying out Cassini's investigations. Currently, Dr. Matson is the Study Scientist for the Titan and Saturn System Mission, the next flagship mission to the Saturnian system, and a Senior Research Scientist at the Jet Propulsion Laboratory, California Institute of Technology, in Pasadena, California.