



## EXCALIBUR • ALMAZ



### Leroy Chiao, PhD

**Astronaut**

**Executive Vice**

**President, Technical  
Operations**

**Member, Board of  
Directors**

Dr. Leroy Chiao is a veteran of three Shuttle missions and one Soyuz mission to the International Space Station (ISS), most recently serving as Commander and NASA Science Officer of Expedition 10 aboard the ISS from October 2004 to April 2005. He has logged over 229 days in space - over 36 hours of which were spent in Extra-Vehicular Activity (EVA, or spacewalks).

Dr. Chiao left NASA in December 2005 to pursue his interests in the private space flight sector, following a 15 year career with the agency. His responsibilities at Excalibur Almaz include overseeing spacecraft development, crew training, spaceflight operations, and all other aspects of spaceflight management.

In June 2009 he was appointed to the White House Review of U.S. Space Flight Plans Committee. This 10 person panel was assembled to examine ongoing and planned NASA development activities and potential alternatives in order to present options for advancing a safe, innovative, affordable and sustainable human space flight program following the space shuttle's retirement.

A native English speaker, Dr. Chiao also speaks Mandarin Chinese and Russian. He is a certified Co-Pilot of the Russian Soyuz spacecraft and is an expert in Russian spaceflight hardware. He has worked closely with Russian, Japanese and European astronauts and their respective space agencies. Recently, he became the first U.S. citizen to tour the Astronaut Research and Training Center of China.

Dr. Chiao was also the first Raborn Distinguished Chair Max Faget Mechanical Engineering Professor at Louisiana State University. He serves as Chairman of the National Space Biomedical Research Institute User Panel, which is attached to the Baylor College of Medicine.

In addition, Dr. Chiao is a Director of the Committee of 100, a Director of the Challenger Center for space science education, a Fellow of The Explorers Club, and an advisor and spokesperson for the Robert A. and Virginia Heinlein Prize Trust.

He holds a Bachelor of Science Degree in Chemical Engineering from the University of California at Berkeley, and Master of Science and Doctor of Philosophy Degrees in Chemical Engineering from the University of California at Santa Barbara.