

OneOrbit™ Entertainment Keynotes



Inspirational Entertainment Keynotes

For corporate/business meetings, conferences, and other events which need a unique, interesting, inspirational and entertaining speaker, OneOrbit offers a perspective from space exploration guaranteed to excite and inspire!

View from the On-High: Adventures of a Professional Astronaut

Experience spaceflight from the on-high of the Space Shuttle and the International Space Station. See breathtaking, awe-inspiring, and provocative photos of the Earth from space and hear first-hand accounts from Leroy Chiao about his four space missions.

Get the behind-the-scenes tour from the Commander of Expedition X, and his view on where we are heading. Stunning photographs and personal stories make this an unforgettable experience!



Exciting Discoveries in Space! What's It All About and is there Other Life Out There?

It is a question that humans have contemplated since we became aware of our universe: Is there other life out there? Over the centuries, tales of visits by alien life abounded. Even in spaceflight, astronauts frequently observe strange phenomena.

In this fascinating keynote, hear an astronaut describe personal provocative observations made during actual

space missions, as well as recent exciting discoveries that show the possibility of other life in our own cosmic backyard! In addition to personal stories about adventures in space, see striking and beautiful photographs of our Earth.



Space Photography as Art

Viewed from space, the Earth is an amazingly beautiful place. Join Leroy Chiao as he shares some of the best of his 16,000+ photographs from orbit. He describes his adventures in space and provides context and thoughts about the amazing photos he shot from the International Space Station and Space Shuttles.

This presentation is sure to inspire wonder and add perspective on our amazing world to all audiences!

International Space Exploration Programs: History, Current Plans and Where are We Going?

Without exception, human space exploration (HSF) programs historically grew out of military missile programs. This fascinating presentation examines how rocket programs began and evolved in wartime Germany, Russia, and the United States. China, a latecomer to the HSF

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Inspiring Keynotes and Workshops



game, has slowly and steadily built their program since launching their first national astronaut into orbit in 2003, to become the emerging space superpower today.

Nobody is in a better position than Dr. Leroy Chiao to talk about the Chinese space program and offer comparisons to the American and Russian ones. Dr. Chiao, who holds the distinction of being the first astronaut of Chinese heritage to perform a spacewalk and to command a space mission, talks about these programs and takes a look at what are the possibilities for the future. He discusses international cooperation and gives his thoughts on where we are going in the future of space exploration!

Is It SADS, Or Am I in Space? Medical Considerations for Spaceflight

Spaceflight is a magical, life-changing experience. However, there is a darker side to the adventure. Serious medical issues, both acute and chronic, occur in every phase of flight, and it is these biomedical challenges that limit our ability to send astronauts on longer and more distant missions – not the technology of spacecraft or technical systems.

In this fascinating presentation, Dr. Chiao weaves the physiological effects of the space environment with his personal stories and adventures in space. In addition, he discusses the synergy between the development of operational countermeasures and diagnostics for spaceflight, and the creation of healthcare solutions on Earth.



Educated as a chemical engineer, Dr. Chiao first became interested in space biomedicine after experiencing changes in physiology during his first Space Shuttle mission. A veteran of four spaceflights, he served as commander and NASA science officer of Expedition-X, a six-and-a-half-month mission aboard the International Space Station. After a 15-year NASA astronaut career, Dr. Chiao became the user panel chairman for the National Space Biomedical Research Institute, and a professor in the Center for Space Medicine, Both at the Baylor College of Medicine in the Texas Medical Center.



Journey of the First Chinese-Heritage Professional Astronaut

Born in the United States, Leroy Chiao was the first NASA astronaut of full Chinese heritage. The wide-eyed child of immigrants, Chiao was inspired by the Apollo-11 Moon landing to launch his own journey to the stars. But his journey was not simple or easy. He overcame challenges like bullying and discrimination, and had to make the right choices as a young person, to stay healthy. Hear firsthand on how he persevered, succeeded and flew four missions into space, including three Space Shuttle flights, walked in space six times, co-piloted a Russian Soyuz spacecraft and was afforded the honor of commanding the International Space Station, on a six-and-a half month mission.

Chiao, also holds the distinction of being the first astronaut of Chinese heritage to perform a spacewalk and to command a space mission, Dr. Chiao's story is an inspiration to all, especially for young people!

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Dr. Leroy Chiao

Dr. Leroy Chiao is a former NASA astronaut and International Space Station (ISS) commander. He has logged over 229 days in space on four space missions, including six spacewalks supporting ISS design and construction. Educated as an engineer, he has held leadership positions in technology companies and startups. He is an expert on leadership and technology, and how to lead your enterprise to the next level.

In addition, Dr. Chiao holds university academic appointments, and speaks three languages including Mandarin Chinese and Russian. A father of twins, Dr. Chiao is also passionate about character-based education. He has been working with students and educators professionally since 2006.



Jami Sunkel

Jami Sunkel is a professional educator and NASA-certified Master Science teacher holding Master's degrees in both Curriculum & Instruction and Educational Leadership. Jami has over a decade of teaching experience, as well as three years' experience as an STEM Education Specialist in Colorado Springs, Colorado. Space science education, leadership, and effective teaching have always been her passion. Jami recently received a 2019 American Association of Aeronautics and Astronautics Educator of the Year Award.

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