

# Moonshot: An Astronaut Enrichment Program for the Apollo Generation, from OneOrbit™!



**OneOrbit™ is proud to offer this enrichment program, custom-tailored for people of the Apollo Generation!**



## The Apollo Generation

OneOrbit recognizes that space is for every generation. It was the efforts of the Apollo generation that made today's space exploration programs even possible. The Apollo generation laid the groundwork for the future, and they aren't done dreaming yet! Nothing inspires us to continue to live life to the fullest like an astronaut. We will inspire your residents to continue to dream, while recounting and reliving their lifelong contributions to exploration and the betterment of life on Earth. OneOrbit programs engage and excite residents, families and communities, much like the Apollo 11 mission; being the first to land on the moon. The legacy of The Apollo generation was built on hard work and perseverance. Allow OneOrbit to inspire your residents as they continue to follow their dreams.

We're the premier provider of space education and enrichment, with astronaut speakers and NASA certified Master Science teachers. Our professionals entertain, engage, and inspire, people of all generations. Our astronauts use their own personal spaceflight stories and customize programs to meet your community's needs.

## Apollo Generation Keynotes

The OneOrbit team offers specialty keynote presentations, tailored especially for the Apollo Generation. Each keynote session is approximately an hour in length, including time for questions and answers.

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- Session 1:** View from on High: Adventures of a Professional Astronaut
  - Session 2:** To the Moon! Apollo and Other Exciting Discoveries in Space!
  - Session 3:** The Great Rocket Race and the Quest for Mars!
  - Session 4:** Space Photography as Art



**Make the Most of Your OneOrbit!**



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# Moonshot: An Astronaut Enrichment Program for the Apollo Generation, from OneOrbit™!



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

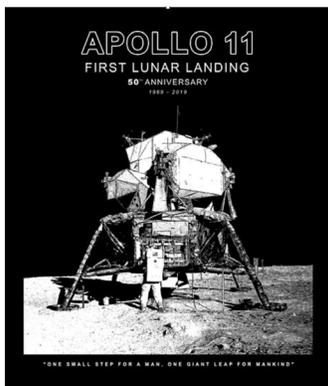


Experience spaceflight from the on-high of the Space Shuttle and the International Space Station. See breathtaking, awe-inspiring, and provocative photos of the Earth from space and hear first-hand accounts from Leroy Chiao about his four space missions.

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!

## To the Moon! Apollo and the Exciting Discoveries in Space

In 1969, Apollo 11 landed the first humans on the Moon. This epic feat is still the most-watched live event, with over 500 million television viewers worldwide and hundreds of million more radio listeners! The Apollo program changed the world forever and continues to touch our everyday lives. It inspired Leroy Chiao at age 8 to dream about one day becoming an astronaut himself. Relive history through Dr. Chiao's personal stories, experiences and observations. Learn about the most awe-inspiring space exploration missions of the 21st Century and what we might discover in the future. Chiao offers a behind-the-scenes look at the exciting future of space exploration!



## The Great Rocket Race and the Quest for Mars!

We live in the most exciting time in rocket history. China's Long March, Russian Soyuz, and NASA's future Space Launch System (SLS). Even beyond the government rocket there are private companies building the future of space exploration. Learn about Elon Musk and Space X's reusable Falcon Rocket along with Jeff Bezos and his Blue Origin Rocket. These rockets will enable us to send humans to Mars just like we sent astronauts to the Moon!.



## 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!



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# Moonshot: A Virtual Astronaut Enrichment Program for the Apollo Generation, from OneOrbit™!



## Space Exploration Enrichment Activities



*Astronaut Developed Activities for all Explorers! Space exploration enthusiasts of all ages and families absolutely love this program! OneOrbit will provide a NASA astronaut to deliver their signature keynote address and lead space themed lessons in large or small groups. We take pride in our on-site programs and can customize a program to fit your event needs.*

### Life Aboard the International Space Station (ISS) with Astronaut Leroy Chiao and Lunar Discoveries with NASA Certified Master Teacher Jami Sunkel

Your space exploration experience begins with an exciting video of what it's like to launch aboard a Russian Soyuz rocket, and to live and work aboard the ISS for six-and-a-



half months! Dr. Chiao provides narrates this experience with personal stories! Students will design, build and launch their own rockets and see if they have what it takes to get to the Moon and beyond!

### Future Mars Exploration with Astronaut Leroy Chiao and NASA-Certified Master Teacher Jami Sunkel

Learn about Mars and how billions of years ago, it had major oceans that could have supported life. Explore the challenges of landing there. Design, build and test a Mars lander for exploring the red planet!



### Explore the Universe with Astronaut Leroy Chiao

Explore the awe inspiring facts about our solar system and beyond. Discover the past, present and future explorations missions with a NASA astronaut. Create your own galaxy and build a scale model of the solar system.

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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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