



FOR IMMEDIATE RELEASE

Date: April 7, 2022

Contact: Alex Vrenios, PAS Secretary

Email: Secretary@PASAZ.org

Astronomy Fans: YOU Are Invited to a Free Lecture!

Phoenix, AZ – The Phoenix Astronomical Society PASAZ.ORG is proud to announce that Michael J. Mackowski will be our guest lecturer April 7, 2022, during our 7:00 p.m. ZOOM meeting. Please join us via the following Zoom link:

<https://us02web.zoom.us/j/86308465940?pwd=S3ZNQmQrU2lpZEV5MzNrUzZRYkNMZz09>

Mr. Mackowski's talk is titled ***“Creating a Space-Faring Civilization – An Introduction to the National Space Society”***

The National Space Society (NSS) is a space advocacy organization dedicated to the creation of a spacefaring civilization. Their vision is to use the vast resources of space for the benefit of humanity. While the concept of “space settlement” may seem like science fiction, industrialists like Elon Musk (SpaceX) and Jeff Bezos (Blue Origin) consider the establishment of human settlements off the Earth as part of their business plan and essential to the survival of the human race. This ambitious vision can be accomplished one small step at a time, and NSS has established a set of milestones needed to make progress towards this goal. There are local chapters all over the world, including here in Phoenix.



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Mr. Mackowski retired from his position as an electrical systems engineer at Orbital ATK (now Northrop Grumman) in October 2018, after over forty years in the spacecraft design and development field. He has worked on such programs as Landsat 8, the Fermi and Swift gamma ray observatories, the Iridium communications satellite constellation, several NASA satellites and the Space Shuttle.

Mike is a long time NSS member and was co-founder of the NSS chapter in St. Louis Space Frontier in the early 1980s. He has been involved in the Phoenix NSS chapter since 2000. He is the former president of the Phoenix chapters of both the National Space Society and the Phoenix Section of the American Institute of Aeronautics and Astronautics (AIAA). Mr. Mackowski also is an Associate Fellow of AIAA, a member of the AIAA History Committee, a fellow of the British Interplanetary Society, a member of the International Plastic Modelers Society, and a member of the International Association of Astronomical Artists.

His main websites are:

<https://www.space-city-mike.net>

<https://www.spaceinminiature.com/index.html>

This lecture is open to the public, so please tell a friend!

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