

THE CENTRAL COAST ASTRONOMICAL SOCIETY PRESENTS...

# “Space Exploration”

By Dr. Paul Wieland, NASA engineer and author of *Crossing the Threshold: Advancing into Space to Benefit the Earth* (2011 Gold Medal Winner), worked on the *International Space Station*, the *Hubble Space Telescope* and *Spacelab 3*.



At a time of limited funding for space activities, how can we best continue advancing our knowledge about, and presence in, space and utilize that knowledge to meet our challenges? Dr. Wieland presents a vision in which space development has a vital role in addressing our challenges, from environmental monitoring to energy supply, and international security to material resources.

**Thursday, Sept. 27th from 7-9pm at  
1515 Fredericks in San Luis Obispo.  
This event is free and open to the public.**

Paul Wieland caught the "stargazing bug" when growing up in the 1960s not just because it was the space race era, but also his older brother bought a telescope kit from Edmund Scientific and hand-ground his own 6" reflector telescope. That telescope opened up many of the mysteries of the night sky as Paul tagged along with his brother on many cold winter nights seeking dark places to view the moon, planets, and nebulae. Later earning degrees in botany and mechanical engineering, Paul began working for NASA in 1983 as a co-op student and had a small role in the *Hubble Space Telescope*, but spent much of his career developing the life support system for the International Space Station. In 1994, his report *Designing for Human Presence in Space: An Introduction to Environmental Control and Life Support Systems* was published as a NASA reference publication (RP-1324). In 2010, his book for the general public, *Crossing the Threshold: Advancing into Space to Benefit the Earth*, was published and in May 2011 it was awarded a gold medal by the Independent Publisher Book Awards, an international competition.



**The Central Coast Astronomical Society** is a community service group that provides educational opportunities (star gazing events, public astronomy talks, and more) for anyone interested in learning about the universe, and most of which are free.

For more information visit our website:  
**[www.CentralCoastAstronomy.org](http://www.CentralCoastAstronomy.org)**

**EVENT SPONSORED BY THE CENTRAL  
COAST ASTRONOMICAL SOCIETY**

This event is held at the United Methodist Church at 1515 Fredericks Ave in San Luis Obispo. There is no charge for this public talk and everyone is encouraged to attend.

**Questions?** Phone: 805-544-4636  
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**[www.CentralCoastAstronomy.org](http://www.CentralCoastAstronomy.org)**