

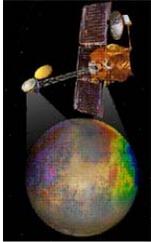


Presents the  
**Science Lecture Series**

**“The Exploration of Mars”**

by

**Dr. JOHN KELLER - Scientist/ Explorer**



**Saturday, September 29th, 2007**

**7:30 – 9:00 p.m.**

**San Luis Obispo Library Community Room**

In 2001, the Mars Odyssey spacecraft detected water ice buried within the top few feet of the surface in the Martian arctic. Just last month, NASA launched the next lander mission to the red planet to confirm this detection and to study this buried water ice. How did the ice get there? Does the water ice hold evidence for past life on Mars? What are conditions like in the Martian arctic? How habitable is the region?

Join Dr. John Keller for a discussion of water ice on Mars and other topics. Dr. Keller is a science team member with the Mars Gamma Ray Spectrometer which detected the buried water ice that the Phoenix Mars Lander will explore.

“Surely one of the most marvelous feats of the 20th-century would be the firm proof that life exists on another planet. All the projected space flights and the high costs of such developments would be fully justified if they were able to establish the existence of life on either Mars or Venus.”

*Stanley Miller and Harold Urey, in Science, July 31, 1959*

*Dr. John Keller, professor of physics and astronomy at the Cal Poly, is a science team member with NASA’s Mars Gamma Ray Spectrometer, the instrument aboard the Mars Odyssey spacecraft that detected the buried water ice at the near surface of Mars. He received his PhD in Planetary Science from the University of Arizona in Tucson in 2006.*

**Refreshments will be served.**

**Donations to support local community programs in science, technology, engineering and mathematics are appreciated. Our dream is to achieve the development of the San Luis Obispo Discovery Center.**

**The Discovery Institute for the Advancement of Science and Technology Education is a public benefit 501(c)(3) non-profit educational foundation.**

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