



Baylor University and CASPER present:

# Dr. Keith Evan Schubert

Associate Professor, Electrical and Computer Engineering, Baylor

## *Microbial Engineers in Space!*

**Abstract:** In resource constrained environments, microbial communities form highly structured patterns to optimize resource utilization. In this talk Dr. Schubert will present his work studying and modelling their patterns, emphasizing microbial structures in both the sulfuric acid cave - Cueva del Villa Luz in Mexico that will be the subject of an article in National Geographic Magazine this July, and biological soil crusts in the Mojave Desert with NASA. Applications to the search for life in the universe and climate change will be discussed.

**Friday, April 25, 2014, 2:30 PM**

**BSB - Room A.207**

For more information, contact Sherri Honza at 254-710-1271.