

# **Space Science Seminar**

## **Tuesday, 2017 April 11**

### **10:30 a.m.**

### **NSSTC/2096**

## **Tips for Photographing a Total Solar Eclipse**

Dr. Gordon Telepun / Amateur Astronomer  
Host: Mitzi Adams

Successfully photographing a total solar eclipse will bring you a sense of personal satisfaction and will help you cherish and relive the experience through time. However, photographing an eclipse is unlike any other event that you have documented with imaging.

I have experience with observing and photographing three total solar eclipses overseas (2001, 2002, 2006). I will present my experience with choosing equipment, choosing exposures, preparing and practicing. I will discuss eclipse imaging, wide-angle imaging and tips for videography. The discussion will include partial-phase, image-sequence photography and observing for the partial phase phenomena.

Finally, I will briefly review the history of my solar eclipse timer program, which was first developed after the 2001 eclipse to help prepare for the 2002 eclipse. It is now improved and re-released it as a smart phone app for 2017.

### **Biography:**

Gordon Telepun, MD is a Board-certified plastic surgeon and amateur astronomer living in Decatur, Alabama for 24 years. Dr. Telepun has been a NASA fan since watching the Gemini missions as a child. Living next to MSFC has provided him the opportunity to meet some interesting scientists and researchers. Dr. Telepun has witnessed two space shuttle launches, two space shuttle landings and he has visited ATK, in Utah, to see a SRB ground test. Gordon is currently doing as much public outreach as he can regarding the August 21, 2017 total solar eclipse.

<https://solarscience.msfc.nasa.gov/colloquia/>