



**Space Grant  
Consortium**



## **TENTATIVE SCHEDULE**

**Spring 2012**

### **FELLOWSHIP & TRAINEESHIP MEETING**

**Saturday, April 28, 2012, at University of Hawai`i at Mānoa  
In POST building, room 723**

- 8:30 Registration, refreshments available (POST 703)  
[NOTE: POST 723 will be open for presenters to set up their talks]**
- 9:30 Welcome (POST 723) - Dr. Ed Scott, Associate Director  
Overview of Space Grant Activities - Dr. Luke Flynn, Director  
Hawai`i Space Grant Consortium**

### **PRESENTATIONS**

- 9:35 Elyse Iseke (UHM Fellow) - *Determining Dimensional Ratios for Fresh, Degraded, and Floor-Fractured Lunar Craters***
- 9:47 Matthew Rappeline (Kapi`olani CC Junior Fellow) - *Orbital Dynamics of the Earth-Moon System***
- 9:59 Emily Chang (UHM Fellow) - *Follow up Photometry of SUPER WASP Stars with Faulkes Telescope***
- 10:11 Jonathan Chinen (UHM Fellow) - *TestSat Structure, Interface Design, and Fabrication***
- 10:23 Heather Prinzing (Kauai CC Trainee) - *Telemetry Ground Station***

### **COFEE BREAK (POST 703): 10:35am - 10:55am**

- 10:55 Brian James (UHM Fellow) - *Education in 3D: Using Interactive Spherical Projection Presentations to teach about the Moon***
- 11:07 Reina Ojiri (UHM Fellow) - *Designing Space Craft Missions to Neos***
- 11:19 Tristan Martinez (UHM Fellow) - *COTS Adaptable Module for Full Attitude Determination in CUBESATS***
- 11:31 Daron Kirchner & Kaya Ryan-Rolon (Hawai`i CC Trainees) - *Measurements of Atmospheric Particulates using a Camera Lidar System***

**11:43 Daniel Wukelic (UHM Fellow) - Air Bearing Calibration Table**

**11:55 James Bynes, Joselito Garcia, Mitchell Heins, Sam Lewis, Kellie Ko, & Albert Carter (KapCC Trainees) - CanSat**

**GROUP PHOTO (Outdoors): 12:10pm - 12:15pm**

**LUNCH BREAK (POST 703): 12:15pm - 1:15pm**

**→ Poster Presentations**

- **Collin Au (UHM Trainee) - Making a Magic Planet Presentation for Mercury**
- **Brayden VanAckeren (UHM Trainee) - Analysis of the Topography of Tooting Crater, Mars**

**1:18 Kyle Berney (UHM Fellow) - Lunar Temperature Calculations on a GPU**

**1:30 Kristi Ross, Sean Aylward, Rose Wailehua, Lyra Handcock, Darren Ramos, Patrick Lancaster, & Todd Esposito (Windward CC Trainees) - USLI Updates**

**1:42 Nathan Walsh (UHM Fellow) - Development of a Deployable 3U Cubesat Solar Panel**

**1:54 Liliana DeSmither (UHM Fellow) - Mineralogical Study of Volcanic Sublimates from Halema`uma`u Crater, Kilauea Volcano**

**2:06 Justin Bergonio (UHM Fellow) - The Lifetime Abundance of Slope Streaks on Mars**

**2:18 Kenneth Dobbs (UHM Fellow) - Improvement of Planetary Gamma Ray Spectrometry**

**2:30 End of Symposium!**

**THANK YOU FOR YOUR PARTICIPATION AT OUR  
SPRING 2012 FELLOWSHIP AND TRAINEESHIP SYMPOSIUM.  
MAHALO NUI LOA & ALOHA!!!**

