Spring 2011
FELLOWSHIP & TRAINEESHIP MEETING
Saturday, April 30, 2011, at University of Hawaii at Mānoa
In POST building, room 723

8:00  Registration, refreshments available (POST 703)
[Note: POST 723 will be open for presenters to set up their talks]
9:00  Welcome – Dr. Ed Scott, Associate Director (POST 723)
Hawai‘i Space Grant Consortium Fellowship and Traineeship Program
9:10  Overview of Space Grant Activities – Dr. Luke Flynn, Director
Hawai‘i Space Grant Consortium

PRESENTATIONS

9:15  Kimberly Rottas (UHM Fellow) – Fading of Slope Streaks on Mars

9:27  Ryan Bishop (UHH Fellow) – Mineralogical Study of Volcanic Sublimates from Halemaumau Crater, Kilauea Volcano

9:39  Amanda Yamamoto (UHM Fellow) – Underwater Sampling System for High-Temperature Extremophiles

9:51  Chester Lim (NASA Intern at JPL) – Development of On-Board Aurora Image Processing Algorithms on the ISAAC Platform

10:03 Jennifer Beyer (UHM Fellow) – Finding Companions of M Dwarf Stars Using Data from Wide Angle Search for Planets

10:15 Cyril Botelho, Robert Garvida, Tisha Kurokawa, and Kira-Ashley Taylan (Kauai CC Trainees)
– HSFL – Kauai: Rocketry, Weather System and Telemetry

10:30  COFFEE BREAK – Location: Room 703 (10:30am–10:50am)

11:02 John Furumo (UHM Fellow) – Two-Phase Micro-channel Heat Sink Cooling Loop for Spacecraft Thermal Control

11:14 Stanley Weber, Mitchell Heins, Ghian Paolo Pajarillo, Shohan Islam (Kapiolani CC Trainees) – CanSat Competition

11:26 Briana Hurley (UHH Fellow) – Statistically Determining the Likelihood of Finding Cosmic Strings

11:38 Todd Esposito, Joleen Iwaniec, Patrick Lancaster, Jasmine Maru, Kristi Ross (Windward CC Trainees) – CanSat: ARLISS Results / USLI Updates

11:50 Zachary Lee-Ho (UHM Master’s Apprentice) – Control Design for a Small Satellite Reaction Wheel for Attitude Control

12:02 GROUP PHOTO – Location: Outdoors (Put on your best smile!) 😊

12:15 LUNCH BREAK – Location: Room 703 (12:15pm–1:00pm)

1:00 Kevin Roy (UH Maui Trainee) – Searching for and Tracking Near-Earth Objects and Potentially Hazardous Asteroids

1:12 Nathaniel Hiraoka, Samuel Plunkett Jr. (Windward CC Interns) – Astronomical Research and Outreach at WCC’s Lanihuli Observatory

1:24 Jamie Scharf (UHH Fellow) – The Calibration of the Optical Imager for the Hoku Ke’a Telescope

1:36 Samantha Jacob (UHM Fellow) – Solar Wind Volatile Preservation

1:48 Jeffrey Griffith and Eric Jordan (Kapiolani CC Trainees) – Autonomous Mapping Platform (AMP)

2:00 End of Symposium

Thank you for your participation at our SPRING 2011 UNDERGRADUATE FELLOWSHIP AND TRAINEESHIP SYMPOSIUM.

MAHALO NUI LOA & ALOHA!!!