

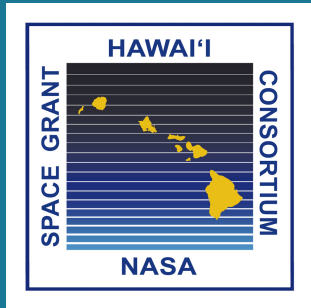
HAWAI'I SPACE GRANT CONSORTIUM

NOVEMBER 20 @ 1PM

"VIRTUAL" FALL 2021

URI SYMPOSIUM

AGENDA



SESSION 1

- 1:00pm Welcome & Introductions
- 1:10pm Mr. Nick Cramer & Mr. Evan Kawamura (NASA Experts) Special Guests
- 1:55pm Angelica Juarez, Christian Falcon, Tishri Prentice & Delaun Prentice: The Great Lunar Expedition for Everyone "GLEE" Workshop
- 2:10pm Kaiaka Kepa-Alama: Quantifying Global Position Estimate Error in GPS-Deprived Areas Derived from Sensor Parameters

SESSION 2

- 2:30pm Nikki Arakawa, Quinn Patrick O'Malley, Jared Estrada: Project Imua: Rocket Apophis - The End & Project Imua Mission 10: The Sublimation Rocket ScubeR
- 2:55pm D'Elle Martin & Caleb Yuen: RockSat-X-2022-IMU and Camera System
- 3:10pm Alan McFall: Analysis of Kaneohe Bay Sediments as an analogue for Martian Soil
- 3:25pm James Pangelinan: Statistical Modeling of Extreme Rainfall Characteristics Over Pacific Islands
- 3:40pm Evan Takushi: Survey and Design of Open Source Cube Satellite Structures

SESSION 3

- 4:00pm Kalila Phillips: Integrating Hands-On Satellite Lab Modules for a Space Mission Design Course in Public Domain
- 4:15pm Kala'i Garcia, Adam Hu, Christi Young, and Connor Quist Artemis: CubeSat Kit: A Low-Cost 1U Cube Satellite
- 4:30pm Chinenye Ndili: Detecting Ocean Phenomena from Satellites with AI
- 4:45pm Jonelle Sayama: Creating and Comparing 3D Models to Accurately Map and Estimate the Above-Ground-Biomass and Health of Guam's Mangroves
- 5:00pm Closing Remarks