

Cosmic Ray Workshop Agenda
 Punahou School, Mamiya Science Center
 Rooms M103, M104, Cornuelle Auditorium
 Sept 29, 2018

9:00 Registration (Outside Aud.) Pre Test	A. Kuhlman, C. Freeman C. Kobashigawa
9:15 Welcome and Introductions (M103 for Middle School) (M104 for High School)	C. Ishii V. Bindi, M. Kadooka
9:30 Particle Detector Talk and Demonstration (M103) Applications of Detector (M104)	S. Wang C. Light
9:45 Particle Detector Talk and Demonstration (M104) Applications of Detector (M103)	S. Wang C. Light
10:00 Particle Detector Activity – Middle School Activity (M103) Solar Energetic Particles - High School Activity (M104) Tour of Muon Detector in M103 (Informal Break during this activity at discretion of instructors)	Kobashigawa, S. Wang D. Ong, C. Light J. Adams
11:45 CERN Video (M104, M103)	C. Corti
12:00 Lunch and Talk Story with Physicists (M104)	Dr. M Jones, Dr. C. Corti C. Light, S. Wang, A. Kuhlman, C. Freeman
12:45 Group Photo	S. Rocchi
1:00 AMS Data and Solar Energetic Particles (Cornuelle Aud)	C. Light
1:30 Solar Energetic Particles - Middle School Activity (M103) Cosmic Ray Analysis e-Lab – High School Activity (M104) www.phys.hawaii.edu/~quarknet	C. Kobashigawa M. Jones, P. Grach
3:00 Post Test and Evaluation (M104)	C. Kobashigawa
3:30 Adjourn	

Laptops are needed for this workshop.
 So please bring them for pairs of students.

Special thanks to QuarkNet teachers – Duc Ong, Peter Grach, Tiffany Coke and Johannes Adams

