



PLANETARIUM

‘Imiloa Astronomy Center of Hawai‘i in Hilo has the most advanced and sophisticated planetarium systems available. It is the first in the world to have 3-D stereoscopic capabilities, and is currently the only planetarium in the United States with the capability.

In 2007 ‘Imiloa installed Sky-Skan’s cutting-edge *definiti 3-D* theater technology integrated with Sony SXR D projectors. The new technology allows for a more vibrant picture than traditional systems and makes ‘Imiloa’s shows even more entertaining and engaging. The new system heightens entertainment experiences for the general public, and also becomes a tool for astronomers’ research by allowing them to see how celestial bodies are situated and how the universe is changing.

The planetarium has a 52-foot full horizontal dome with 120 reclining seats. Each seat in the theater has an unobstructed view of the show. The sound system in the theater includes a six-channel, 5.1 surround sound to create a completely immersive experience.

The planetarium is available for meetings and rentals. It is an excellent location for conference sessions that require high overhead visibility for presentations. For more information on current programs, visit www.imiloahawaii.org.

PLANETARIUM SHOWS:

The planetarium features its signature show, “Maunakea: Between Earth and Sky” along with new shows, which rotate on a quarterly basis. Each show includes a live presentation of the Hawaiian night sky. The Center also hosts monthly live presentations by local astronomers that allow audiences to observe the stars and constellations.

FEATURED SHOW – Maunakea: Between Earth and Sky

This 22-minute full-dome show was created exclusively for ‘Imiloa Astronomy Center. It focuses on Hawai‘i’s sacred mountain, Maunakea, a place that connects both Earth and sky through Hawaiian culture and mankind’s ongoing search into the night sky for the origins of the Universe. The show includes stirring scenes of underwater volcanoes, eruptions and the majestic beauty of the Pacific Ocean. This unique presentation debuted with the Center’s opening in February 2006, and can be seen exclusively at ‘Imiloa Astronomy Center of Hawai‘i.

AWESOME LIGHT SERIES:(Previously known as Hawai‘i’s Observatories.)

Experience ‘Imiloa’s 3D stereoscopic technology and learn about the new discoveries being made daily by the observatories atop Maunakea. The “Awesome Light” is a series of two shows: *Discoveries from the Telescopes of Maunakea* and *Exploring Radio and Submillimeter Space*. Both include a live, in-depth sky presentation of stars, constellations and planets visible in the night sky. They also showcases the Hawaiian star lines used in celestial navigation.

Revised: 08/09