



13:30–15:30 | Wednesday, 7 June 2017
Hawai'i Convention Center, Exhibit Hall

Organizers: Kelson Lau, *Hawai'i Electric Light Company*; Bao Jun Lei, *Pearl Harbor Naval Shipyard & Intermediate Maintenance Facility*

Abstract:

The IMS2017 Hackathon: 30-Minute Circuits is a fast-paced competition focusing on core RF design and engineering skills. The idea is to demonstrate that complex computer-aided design (CAD) simulations and expensive test equipment are not always required to build a useful microwave circuit in a short period of time. Competitors will race to the finish to see who is the ultimate RF circuit hacker!

Twenty-four teams with a maximum of two members each will be provided with all the basic tools and parts needed to complete the design of the challenge circuit (Microstrip Power Divider) that was announced to participants ahead of time. Specific challenge details will be given at the event; the circuits must be completed in the limited 30-minute timeframe using only the parts provided. No CAD tools are allowed; competitors will only be allowed to use calculators, the Internet, and a pencil and paper.

Everyone is encouraged to attend!

