Audio Analytic Battery-powered products with a sense of hearing beyond speech and music
Christopher Mitchell, CEO, Audio Analytic

This demo will show acoustic event recognition operating on compact, edge-based target hardware which is capable of operating for multiple years on batteries.

Recent advances in production quality piezoelectric MEMS microphones, coupled with extremely compact and robust sound recognition machine learning, and microprocessors that use transistors biased in the subthreshold region of operation, are key to this demonstration.

For the first time, this powerful combination of highly-optimised hardware and software enables a wide range of devices to provide accurate and continuous sound recognition capabilities within a home environment for multiple years.