

## **TF-lite for tinyML**

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TensorFlow supports a variety of microcontroller and embedded hardware. This talk will cover the goals and vision for TensorFlow Lite Micro on these platforms, and will look at the available example code. There will also be a demonstration of speech keyword recognition running on a low power device, and a discussion of the model architectures required to fit within the constraints of these systems. The extension of these techniques to low-power vision applications will be covered, along with accelerometer and other sensor data analysis. We'll conclude with the roadmap for the future of TensorFlow on resource-limited hardware.