Autonomous Acoustic Sensors For Conservation and Biodiversity Monitoring

Prof. Alex Rogers (ECS)

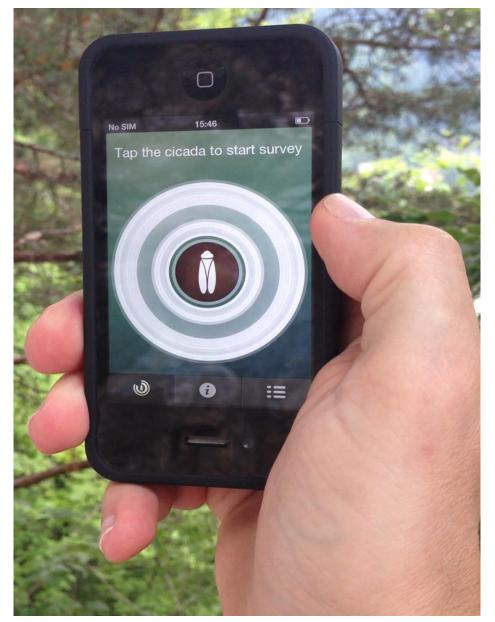
Dr. Jake Snaddon and Dr. Patrick Doncaster (CfBS)



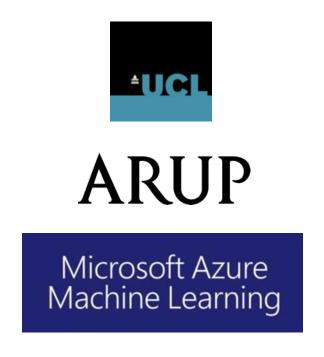
Smartphone





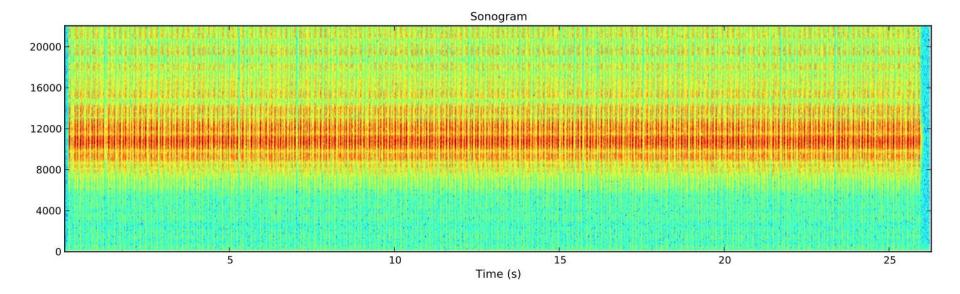


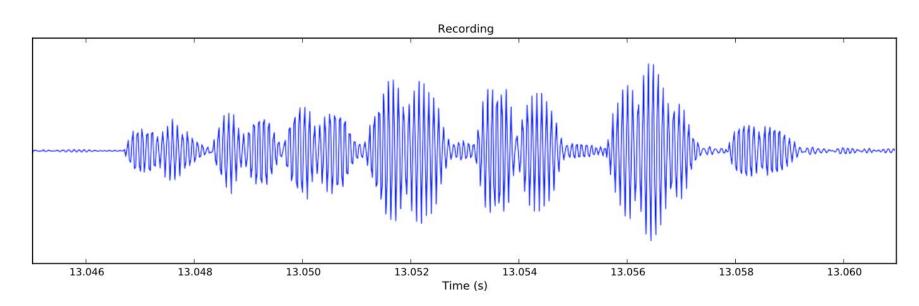


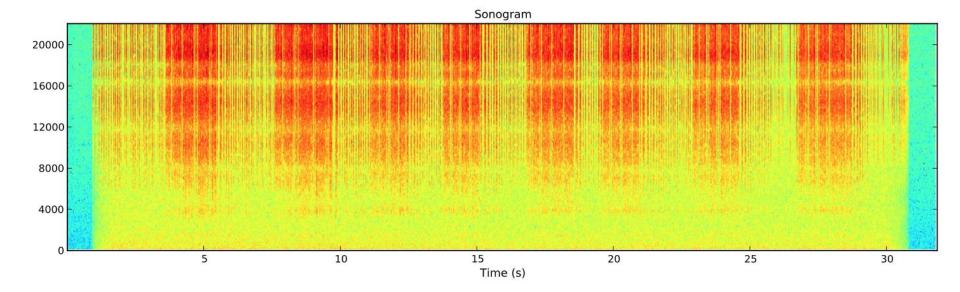


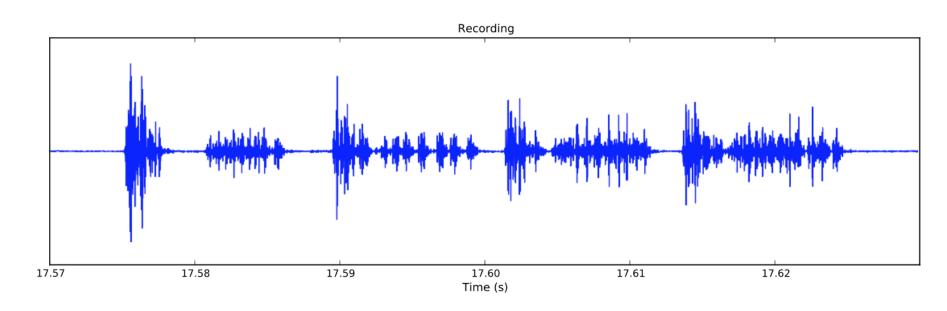
Smartphone

Cloud

















Microsoft Azure Machine Learning

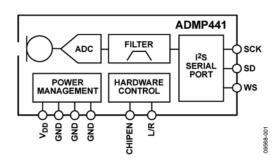
Embedded Sensors

Smartphone

Cloud

ADMP441 MEMS Microphone



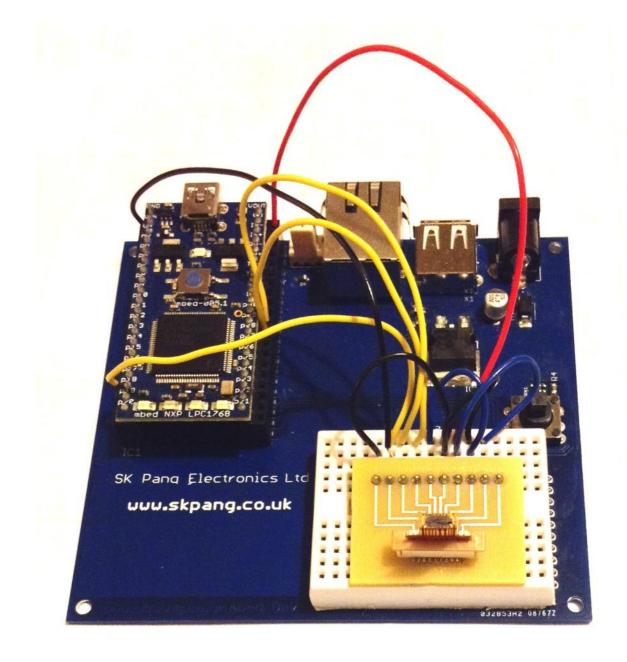




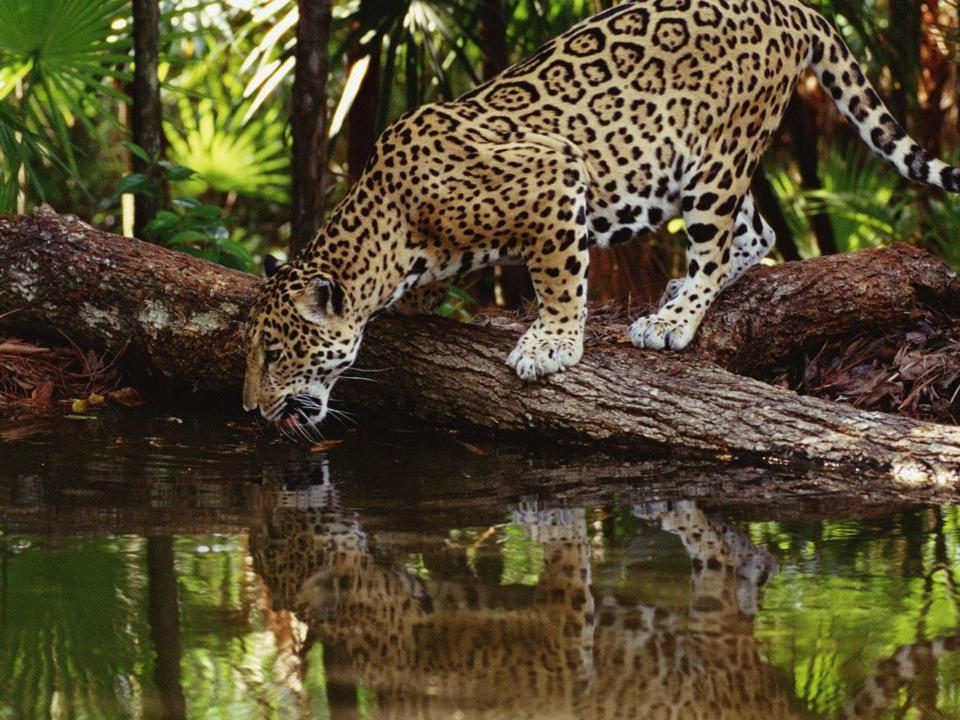
ARM M3 NXP LPC1768



SD Card



mbed













Microsoft Azure Machine Learning

Embedded Sensors

Smartphone

Cloud