

STM32Cube.AI: AI productivity boosted on STM32 MCU

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Demonstrations will include:

- 1) Hands-on examples of the main features of STM32Cube.AI on Nucleo-F746 board;
- 2) FP-AI-SENSING1 including Audio Scene Classification and Human Activity Recognition on SensorTile development kit and associated BLE Sensor smartphone application;
- 3) AI-enabled handwriting character recognition on the new ultra-low power STM32L5 discovery board with security and smartwatch-type screen;
- 4) Fixed Point Single Object Image (trained for 18 food classes recognition) classification on STM32H7 Discovery kit with STM32F4DIS-CAM camera module. This is preview of new STM32Cube.AI features to be introduced later in 2019