

Simplifying Motion MEMS and Environmental Sensors Design A Hands-On Workshop

Wednesday June 26, 10:00- 1:00

Presenter: STMicroelectronics Team

- Looking to add motion and environmental sensors to your next product? This workshop will show you how to use an X-Nucleo IKS01A3 Sensor Board with an STM32L4 Nucleo Board and the X-CUBE-MEMS1 software pack for STM32CubeMX to get started on a new sensor project. The X-Nucleo IKS01A3 Sensor Board features ST newest sensors including LSM6DSO - IMU, LIS2DW12 - Accelerometer, LPS22HH - Pressure Sensor for lower power and improved accuracy and STTS751 – Digital Temperature sensor for on-board temperature calibration in the final application. The Workshop will show how the STM32CubeMX can be used to set up the sensors, log sensor data, optimize sensor configurations and leverage embedded smart sensor functions. Join us and learn how the ST32CubeMX ecosystem can simplify your next sensor design.
- This a working session. Participants will need their own laptop running Windows 7 or later, or a MacBook running Windows (Parallels, VM Fusion, etc.). Participants should have a basic understanding of the “C” programming language or equivalent. Note: Administrator rights are needed for software and driver installation. ST will provide the development kit and all software.
- **SPACE IS LIMITED FOR THIS SESSION – FIRST COME, FIRST SEATED.** Must be present and stay for training to receive the free kit.