

Scilab-Arduino Workshop 2015

July '15 July '15
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Arduino is an open source microcontroller board, popular in industry. Scilab is an open source, user friendly, state of the art, computational engine. This workshop is devoted to the control of an Arduino board from Scilab. The workshop kit will include an Arduino Uno board, a shield containing sensors and actuators, and necessary documentation. Participants will learn to perform embedded system experiments on the Arduino board using Scilab code and also through the GUI based simulation environment, Xcos.

The following experiments will be performed:

- LED Blink
- RGB LEDs
- Light intensity measurement
- DC motor control
- Pushbutton
- Relay
- Potentiometer
- Temperature sensor
- Using different sensors
- Receive data through any modbus compatible device
- Demos on some industrial applications
- ... and more



LCH 101
IIT Bombay

Register here:

<http://fossee.in/workshop/Scilab-Arduino>



<http://fossee.in>

