ARDUINO ONE DAY WORKSHOP

Prof. Paolo Guidorzi

A LOW-COST HELP FOR RESEARCHERS AND STUDENTS, STARTING FROM SCRATCH UP TO PRACTICAL EXAMPLES USING SENSORS AND GRAPHIC DISPLAYS

Organised by iSCAPE (Improving the Smart Control of Air Pollution in Europe)

In collaboration with the LIVING LAB **TERRACINI IN TRANSIZIONE**

Tuesday 30 June 2017

at Engineering Faculty, via del Lazzaretto 15, Bologna

ABSTRACT: This workshop will introduce you to the world of Arduino, starting from the very beginning. Some basic concepts of electronics and programming, required in order to effectively use Arduino, will be explained. Many applicative examples, built in the classroom, will be shown, with special attention to sensors and environmental engineering. A fully working project made with Arduino, a multi-sensor "electronic nose", will be examined in all its aspects.

AGENDA: 9.00-12.00   Room 9
                   16.00-19.00   Room 11

Scientific Board:
Prof. Silvana Di Sabatino - Department of Physics and Astronomy, University of Bologna
Prof. Beatrice Pulvirenti - Department Industrial Engineering, University of Bologna
Prof. Paolo Guidorzi - Department Industrial Engineering, University of Bologna
Prof. Giovanni Semprini Department Industrial Engineering, University of Bologna