

SMART SENSORS FOR DOMOTICS AND HEALTH CARE

Module of Environmental Science and Techniques

- Smart sensors
- Smart devices
- Applications

A.A. 2016 / 2017

Alessandra Flammini

Topics

- Smart Sensors for Domotics and Health Care (1 credit)
 - Sensors and Smart Sensors
 - Mobile Systems (Smartphones, tablets, Portable PC)
 - Smartphones: on-board sensors
 - Communication Systems (Ethernet, WiFi, Bluetooth, Internet Protocol)
 - Wearable Smart devices (glasses, smartwatch, cardio belt, step counter,...)
 - Domotics and smart devices
 - Internet of Things
 - Android, Google, Googlefit
 - Applications: Myfitnesspal, runtastic
 - How applications can manage sensors

Timetable and info

- Timetable (room B5)
 - November 7, 2016, Mon., h16:00-18:00
 - November 15, 2016, Tue., h16:00-18:00
 - November 21, 2016 Mon., h16:00-18:00
 - November 30, 2016, Wed., h14:00-16:00

- Slides and references
 - <http://alessandra-flammini.unibs.it/> Section SSDHC_H&W

- Examinations
 - Questions about the topics of the module

- Talking with me
 - Alessandra Flammini, Dip. Ingegneria dell'Informazione, Room 24
 - preferably on Monday afternoon
 - alessandra.flammini@unibs.it (Subject: SSDHC_H&W please)
 - 0303715627