

**INFOBITES**  
**1 TOPIC**  
**2 CREDITS**  
**18 HOURS**

**5**

## **Introduction to robotics**

### **Pt. 2: Vision, signals, control**

Start: 22 May 2018

9 Lectures + Final Test

3 2-h lectures per week

unibz, room E2.31, 10:30–12:30 and 2–4 p.m.

Max participants: 20

#### **Come see computing become alive!**

**A lot of mini-experiments and some theory will teach you how to build small systems that can interact with the world. In this second part of the course we will deal with vision, signals, and controls.**

After attending this course participants will possess basic notions of:

- Computer vision
- Robot controls and kinematics

#### **Prerequisites:**

Basic knowledge of the C/C++ languages. Pre-existing familiarity with basic analog and digital electronics, and with the MatLab and Arduino environments may be helpful but is not required.

#### **Registration:**

Limited places (20) – register as soon as possible!

By March 2 2018, send an e-mail to **computer.science@unibz.it** including:

- (1) a presentation of yourself
- (2) the detail of your skills in computer science
- (3) your motivation for attending the course