

Robotics and programming with Lego!

hands-on course

This course is an **enticing introduction to robotics and structured programming** using LEGO Mindstorms EV3.

LANGUAGE: English
REQUISITES: None

Robots are becoming increasingly present in the every day life of clinicians. In this innovative course students will learn to design, build and program a robot. EV3 is a robotics system that consists of a tiny computer embedded in a LEGO brick with input ports connected to sensors, and output ports connected to motors. The brick is programmed using a structured programming language which is graphically based. The concepts that will be studied about structured programming are common to mainstream computer languages used in scientific research (e.g., C, C++, Fortran, Python).



Students are not required any previous knowledge on programming, computer science or robotics.

LECTURERS

Priv.-Doz. Dr. Lorenzo Brualla (lorenzo.brualla@uni-due.de)

Prof. Dr. med. Wolfgang Sauerwein

SCHEDULE

Monday 15.02.16 - Thursday 18.02.16 (09.00 h 15.00 h)

& Friday 19.02.16 (09.00 h - 12.30 h)



Contact & Registration:

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