



UNIVERSITÀ DEGLI STUDI DI TORINO

ID

VP84_DIP_FIL

Visiting Professor Program Academic year 2022/2023

TEACHING COMMITMENT: 20 hours

COURSE TITLE

Virtual Reality and Robotics.

TEACHING PERIOD

1st term

SCIENTIFIC AREA

Sociology

LANGUAGE USED TO TEACH

Italian

COURSE SUMMARY

The course aims to focus on Virtual Reality and Educational Robotics. The course will make use of the Laboratorio di simulazione del comportamento e robotica educativa "Luciano Gallino" and of the LIFE (Laboratorio di Innovazione in Filosofia e Scienze dell'Educazione) - "Dipartimento di eccellenza DFE", with their social robots, Virtual Room, Motion Capture system, Eye Tracking system and Augmented Reality system.

LEARNING OBJECTIVES

Knowledge and understanding of virtual environments connected to educational robotics; capability to apply independently educational robotics concepts in the design of educational and training courses in different contexts (school, hospitals, etc.); ability to disseminate the results achieved; ability to learn the use of new languages starting from the experience gained in the course.

TUTORSHIP ACTIVITIES

N/A

LAB ACTIVITIES

Laboratorio di simulazione del comportamento e robotica educativa "Luciano Gallino" and LIFE (Laboratorio di Innovazione in Filosofia e Scienze dell'Educazione).

OTHER ACTIVITIES BESIDES THE COURSE

Seminars and conferences addressed to PhD students and research fellows, dissemination conferences.

VISITING PROFESSOR PROFILE

Expert in Robotics and Virtual Reality with programming skills in Robotics and Virtual Reality systems.

CONTACT PERSON AT THE DEPARTMENT

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