



DEPARTMENT OF PSYCHOLOGY—UNIVERSITY OF MILANO-BICOCCA, MILAN

BUILDING THE NEW EVERYTHING

HUMAN FACTORS AND VIRTUAL REALITY

DATES

13–17 SEP, 2021

TUITION

€ 200

**INCLUDES ALL COURSES
ACTIVITIES, VISITS, LECTURES.
TRAVEL AND OTHER LIVING EXPENSES ARE NOT
INCLUDED IN THE TUITION FEE**

APPLICATION DEADLINE

15 MAY, 2021

LOCATION

MILAN (ITA)

CONTACT

psytechas@unimib.it

PROGRAM DESCRIPTION

The school will address the relationship between human factors and virtual reality technologies for theoretical and applied research purposes. Professionals from academic and business-oriented backgrounds will serve as speakers. The school is addressed to students and professionals from very different backgrounds (interaction designers, psychologists, neuroscientists, engineers, computer scientists, etc.) interested in developing new projects in the field of VR technologies. There will be lectures as well as practical activities with feedback from experts in the fields of Virtual Reality and human factors.

PROGRAM CALENDAR

DAY 1 Challenges and opportunities in VR and AR

Challenges and opportunities in psychological research;

Challenges and opportunities for business;

DAY 2 Instruments for developers (part 1)

Human factors and VR and AR;

Elements of unity;

DAY 3 Instruments for developers (part 2)

Human factors and VR and AR;

Elements of unity;

DAY 4 Case studies from business and research

Partners of the school show case studies;

Working group to develop a use-case/

project of VR and AR;

DAY 5 Working group presentation and feedback

CONTENTS COVERED

- HUMAN FACTORS IN VR DEVELOPMENT
- ELEMENTS OF VR EXPERIENCE CREATION WITH UNITY VR ENGINE
- USER EXPERIENCE FOR VR
- SOCIAL INTERACTION IN VR
- ADDRESSING CONSUMER AND PRO VR TECHNOLOGICAL LIMITS
- CURRENT SCIENTIFIC RESEARCH WITH VR
- BUSINESS SCENARIOS FROM VR RESEARCH

PREREQUISITES

This school can be attended by research fellows, PhD students, professionals from very different contexts (psychologists, designers, software developers and UX engineers, designers) and students of master's degree courses. Given the limited places, priority will be given according to the CV to create balanced multidisciplinary study groups. **The school is limited to a maximum of 25 students.**

HOW TO ENROLL

YOU ARE REQUIRED TO ENROLL THROUGH THE ONLINE APPLICATION FORM. EVERY PROGRAM ON [HTTP://WWW.SUMMERSCHOOLBICOCCA.COM](http://www.summerschoolbicocca.com) HAS AN **APPLY NOW** SECTION IN ORDER TO ACCESS TO THE APPLICATION. AFTER RECEIVING THE SELECTION NOTIFICATION, YOU WOULD BE REQUIRED TO PAY THE COURSE TUITION FEE WITHIN A SPECIFIED PERIOD. PLEASE FOLLOW THE SECTION **FEES & PAYMENT** ON OUR SUMMER SCHOOL WEBSITE FOR UNDERSTANDING THE PAYMENT OPTIONS. PARTICULARLY WORTHY STUDENTS MAY BE EXEMPTED FROM THE SFFEE PAYMENT

ACCOMMODATION

If you have been selected to the summer school program, in order to request a quote on accommodation in one of the facilities of Bicocca Campus you can send an email to :

booking.bicocca.fms.it@sodexo.com

WEB-SITE

<http://summerschoolbicocca.com/21-new-everything.php>

