COURSE:  Creating Virtual Reality (VR) Computer Games

Contact person: Boris Ljubenkov; boris.ljubenkov@fesb.hr

Main topics:
- Introduction to fundamental principles of VR technology
- Building and running VR applications
- Creating immersive environments including physics, animation and lighting using Unity 3D
- VR interaction techniques

Programme structure:
- 5-day course
- Sample assets will be provided for practice
- Lecture notes will be available either on-line or in printed form

Important dates:
Course dates: 02/09/2019 – 06/09/2019
Deadline for application: 01/08/2019
Confirmation of the course: 15/08/2019
Payment due by: 24/08/2019

Price of the course: 300 € (tax included)

Programme plan:
Day 1
- Introduction to virtual reality (VR) and Unity (4h)
- Individual work/exercise (1h)
Day 2
- Creating a 360° walk-through (2h)
- Building a 3D VR scene (2h)
- Individual work/exercise (1h)
Day 3
- Physics and scripting (4h)
- Individual work/exercise (1h)
Day 4
- Gaze-based control (2h)
- VR interaction. Moving menus (2h)
- Individual work/exercise (1h)
Day 5
- Students’ final projects (4h)
- Final presentations (1h)

Programme lecturer:
Ph. D. Tea Marasović M. Elect. Eng,
Teaching/assistant professor at the University of Split,
Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture, Split, Croatia.