



SPLIT SUMMER SCHOOL STSS2021

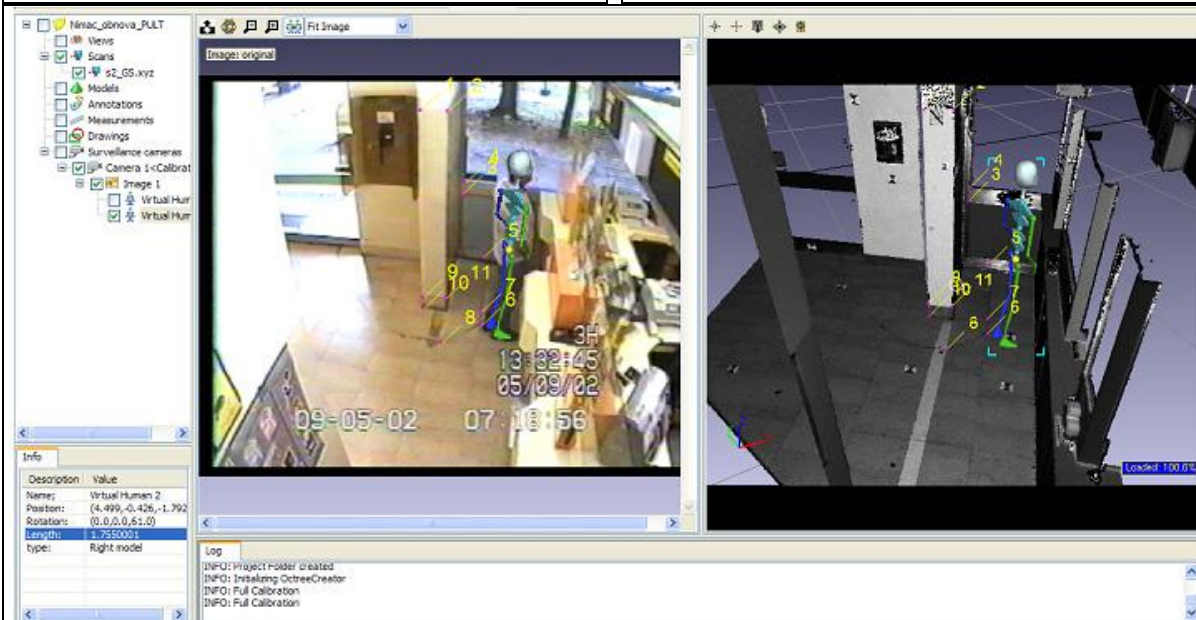
COURSE: MIXED REALITY IN CSI

Contact person: Ivan Jerković, PhD

mail: ivan.jerkovic@unist.hr

Main topics:

- Crime Scene Investigation and visualization techniques
- Crime Scene Modelling in 3D
- Biometric examinations on image material in forensic investigations
- Use of Mixed Reality in Forensic Science
- Forensic 3D reconstruction



Programme structure:

- 5-day course: classes + field trip
- Required literature and material for readings will be provided by course teachers
- Upon completion of the program, students will be able to obtain 2 ECTS credits.

Important dates:

Course dates: 30 August - 3 September 2020

Deadline for application: 15/06/2020

Payment due by: 01/07/2020

Confirmation of the course: 05/07/2020

Price of the course: 300 € (tax included); Note: Room and Board is not included. Students are expected to bring their own laptops

Programme plan:

Day 1

Programme lecturers and organizers:

Detection and investigation of crime and prosecution of criminals	Jurrien Bijhold, PhD
Hypotheses on criminal phenomena, activities and sources of traces	Researcher-Lecturer Leiden University of Applied Sciences, Netherlands
The process of a crime scene investigation	Vojin Maštruko, MSc
Day 2	Independent court expert for ballistics, mechanoscopy, chemical and physical expertise, and forensic 3D reconstruction
Classical visualization techniques for forensic purposes	
Modeling with 3ds-Studio Max software	Ivan Jerković, PhD
Course field trip	Research associate
Day 3	University of Split, University Department of Forensic Sciences
Facial image comparison and body height measurements	
Applications of Mixed Reality for crime scene officers	Toni Ljubić, MSc
Simulating a crime scene	Teaching Assistant
State of the art visualization techniques for forensic purposes	University of Split, University Department of Forensic Sciences
Day 4	
Forensic investigation of shooting incidents	
Forensic 3D reconstruction	
Day 5	
Biometric expertise	