





Lodz University of Technology







- HTC Vive
- HTC Vive Pro
- HTC Vive Pro Eye





- Oculus Rift
- Oculus Quest





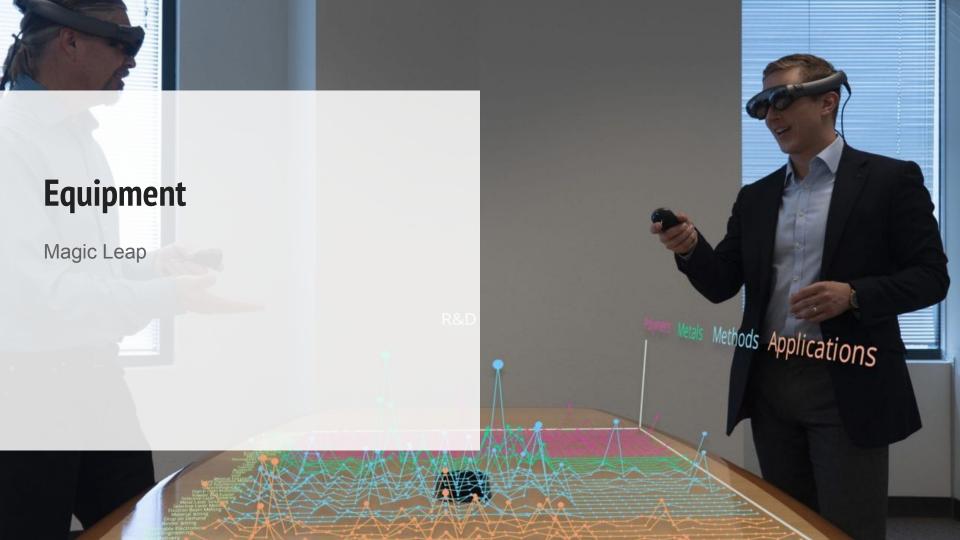
• Samsung Gear VR + S9





Microsoft HoloLens



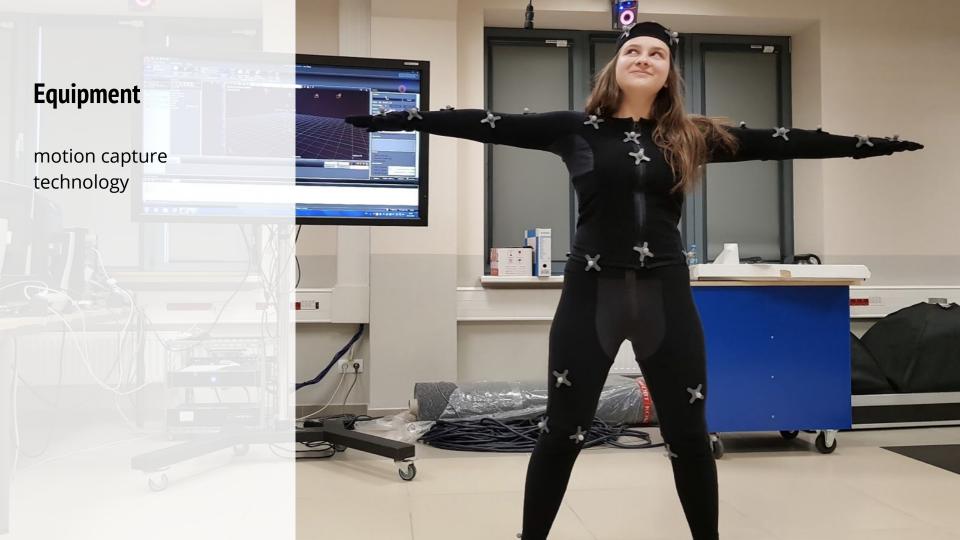




- Desktops
- Laptops













3D Cave to perform advanced projects related to animation or games for virtual reality;

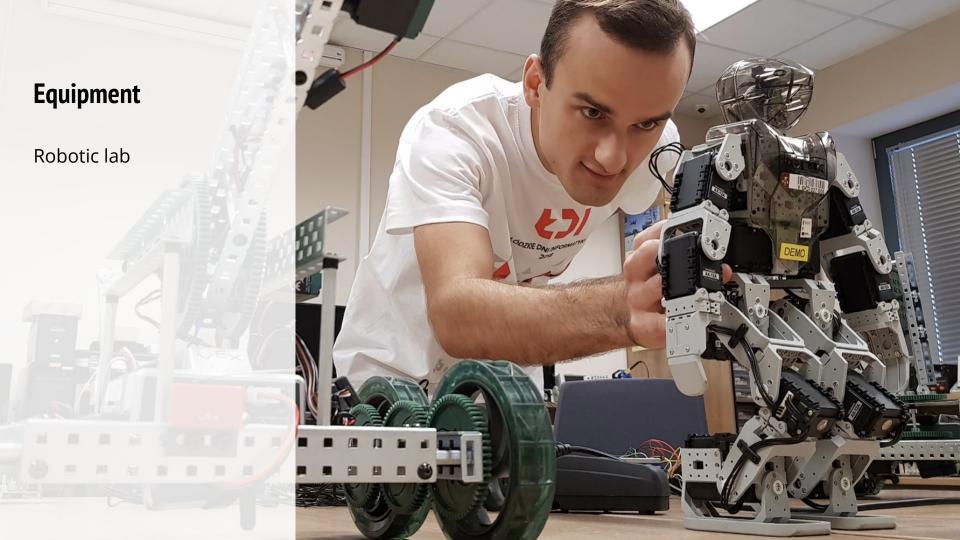
In addition, the laboratory includes 3D scanners that allow you to scan a given object, along with its Artec texturing.





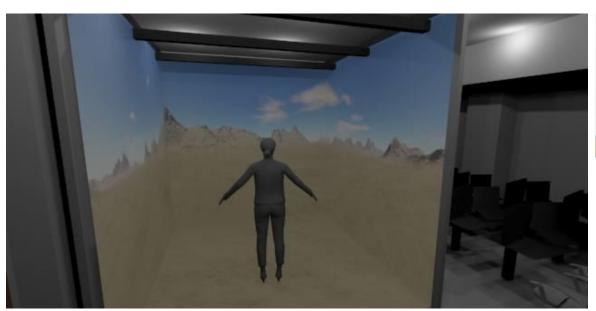
Equipment - EEG toolkit







VR space for trainings











VR space

The immersive and interactive Virtual Reality Chair.





VR space

VR Treadmill - allows for movement in VR environment.





VR space

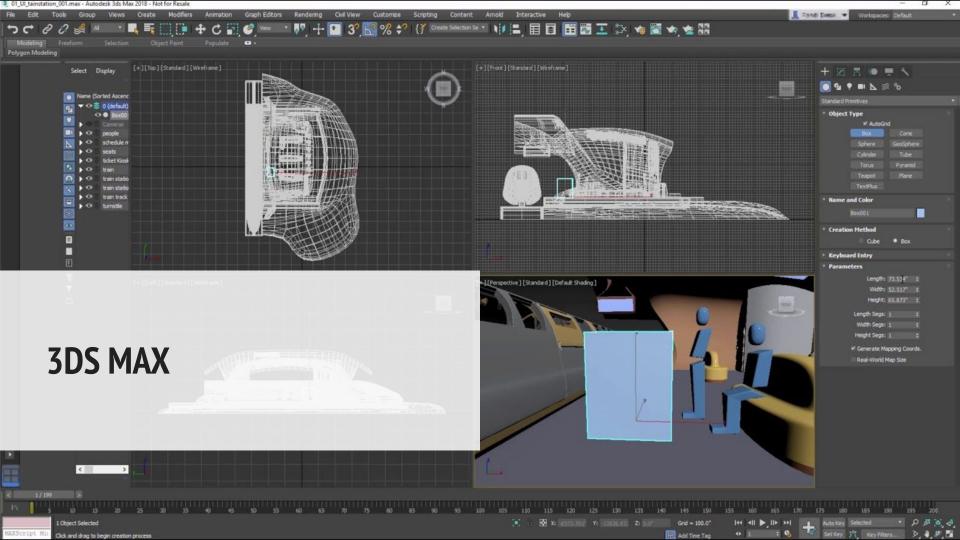
rotate freely in any direction according to the user's steps.

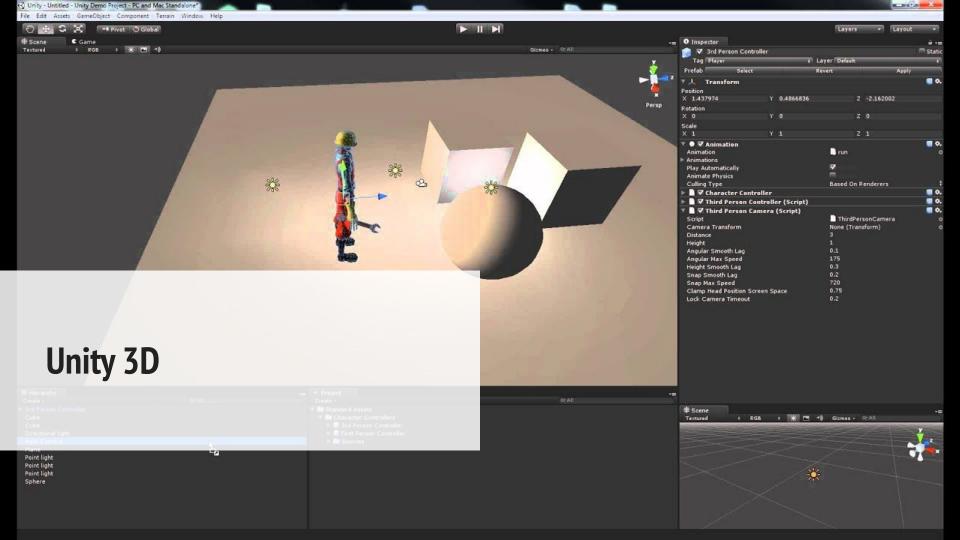
A user is able to walk and run inside the sphere, viewing the virtual environment through the head-mounted display.











VR/AR classes in curriculum

- 3D graphics design.
- 3D graphics programming.
- VR / AR programming.
- Haptic and multisensory interfaces.







Project - ViMeLa









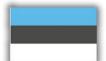




Project - ATOMIC











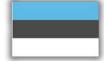




VRAna

Skeleton, details of the skeleton, locomotion.







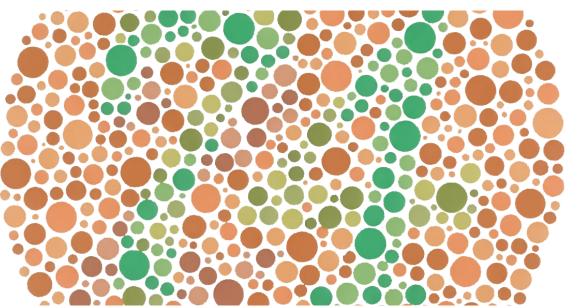








Ophthalmology in VR (Ishihara, Snellen, squint)





I I	2	20/100
TOZ	3	20/70
LPED	4	20/50
PECFD	5	20/40
EDFCZP	6	20/30

Escape room

- crisis management,
- cooperation with City of Łódź Office



Thank you!

Time for questions and answers!



