

K2UA (Kinect to Unity Asset)

Contact information

Address: Main researchers:

- MARTINA ECKERT

`martina.eckert@upm.es`

Other UPM researchers:

- César Luaces Vela E.T.S de Ingeniería y Sistemas de Telecomunicación

Technological Offers type

Software

Research and innovation areas

- Salud y bienestar
- Tecnologías digitales, Inteligencia Artificial, ciberseguridad, 5G, robótica

Where?

Multimedia and Acoustics Applications (GAMMA) Software and Multimedia Systems Technologies for Sustainability Research Centre (CITSEM)

Software description

The program is imported from Unity 3D software to access data sent to a computer port. These data contain the movements of a person's joints, captured using the Microsoft Kinect V2 camera. The software also provides a tool assigning human joints to the joints of a virtual character created in the Unity 3D environment so that the latter moves in the same way as the person recorded. It also contains a movement amplifier for people with muscular weakness caused by functional diversity.

Reference

M-006619/2018