Localization of a moving device using coded light sources (Technion)

code: COM-1797

Positional localization aims to track the position and orientation of an object, device or person with very high accuracy, according to a global positioning system. This is useful in numerous applications such as user tracking in Virtual/Augmented Reality, navigation for warehouse robots and autonomous vehicle navigation. The aim of this invention is to carry out this localization effectively across multiple devices, while requiring minimal hardware setup. It determines the location and orientation of a mobile tracking and processing unit (Tracker) inside a calibrated environment using flashing beacons (Flashers).

Contact for more information:

T3 Team ✉, 048293116

T - Technion Technology Transfer
Technion City, Senate Bldg., Haifa 32000, Israel
Tel. 972-4-829-4851; 972-8325-375
Fax. 972-4-832-0845