

Titolo: EasyWalk: An Intelligent Social Walker for active living

Codice MUR: P2022XJ7TE

Responsabile scientifico UNIPD: Luca Tonin

Coordinatore nazionale: Luca Tonin - Università degli Studi di Padova

Partner-Unità di ricerca: Università degli Studi di Catania - Università "Ca' Foscari" Venezia

CUP: C53D23007980001

Bando: PRIN 2022 PRIN - Decreto Direttoriale n. 1409 del 14-09-2022

Durata: 30/11/2023 - 29/11/2025 (24 mesi)

Budget totale progetto: 239.976,00 €

Budget UNIPD: 80.572,00 €

Abstract del progetto: In the Western European region, fall has the highest incidence and mortality rates in elderly population: around one-third of aged people experience a fall at least once per year. Critically, fall does not only cause physical injuries but also has direct mental and psychological effects. Indeed, the fear of falling prevents elderly people from independently initiating physical activities with a tremendous impact on their general health, on their social identity and, as a consequence, on their level of anxiety and depression.

They do not trust themselves and they completely rely on relatives or on external assistance: they have lost their independence in