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Atos



ACANTO

A Cyberphysical social NeTwork
using robot friends



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www.ict-acanto.eu



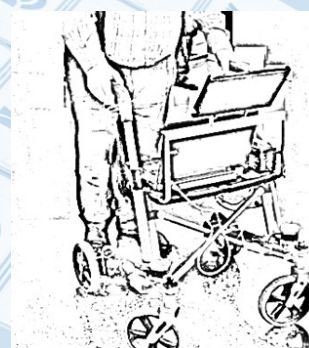
OBJECTIVES INNOVATION

The **ACANTO** project aims to increase the number of older adults who engage in a regular and sustained physical activity.

This result is sought by developing a **robotic friend** that supports the execution of everyday activities that entail a controlled physical effort in public spaces and an intelligent system that produces activity recommendation considering the habit and the preference of the user observed through the robot.

Our long term objectives are a 50% reduction of falls and traumatic events in the adults age class 75+, a reduction of the occurrence and of the impact of chronic diseases and a general **improvement of physical conditions and well-being**.

Development of a robotic friend (FriWalk) and the audio-visual interfaces (FriTab)



Development of a recommendation system for user activities.



Development of a cloud of supporting service in the environment.

Constant involvement of the different stakeholders.

ACANTO will produce innovation in the following areas:

- a) Sensing Technologies
- b) Interfaces
- c) Clinical practise
- d) Social Networks for user recommendation



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