

Enhancing daily life of people with dementia

Paolo Sernani – p.sernani@univpm.it

Aldo Franco Dragoni – a.f.dragoni@univpm.it

Who We Are

Information Engineering Department,
Università Politecnica delle Marche, Ancona, Italy



Artificial Intelligence and Real Time Systems Laboratory:

- Expert systems, decision support systems
- ***Multi agent systems***

Applied in healthcare, ***Ambient Assisted Living***



- <http://airtlab.dii.univpm.it/en/>
- https://www.youtube.com/user/AIRT_Lab

Project idea

A **platform** which combines:

- Simple **actuation** inside a smart home (ex.: heating and air co.), to support daily activities
- **Health monitoring**, to support carers (ex.: with a summary of relevant information)
- **Gamification** and serious game to support enjoyable activities/assess cognitive decline



Looking for

- End-users/medical expertise for ***pilot and trials***
- ***Business partners*** to exploit the potential of the project:
 - ***Health monitoring/summary*** services
 - ***Assistance in ADL*** for older adults residences
 - ***Serious games***

