



Active Assisted Living

Staying independent – in old age and at home



Dr. Andrew Paice, Head of iHomeLab:

«We are all getting older. Our team is working on intelligent solutions that enable us to live as long as possible in our own four walls.»

More safety, better quality of life

There are more and more elderly people, and many of them want to live independently at home. Active Assisted Living (AAL) helps them to do this – with supporting technologies that ensure safety and well-being.

Together with partners from all over Europe, we develop easy-to-use and reliable assistance systems that adapt to users' needs and guarantee their privacy. This increases the quality of life of older people and reduces stress for carers and care providers at the same time. AAL also pays off economically: People who live longer at home incur lower costs and spend less.

Technology supports and connects

Equally important for us are personal mobility or platforms that support caring communities: This makes it easier for older people to use modern means of communication, keeps them in touch with their environment and makes them less socially isolated. Dementia is also an important issue: we develop personal assistance systems for people with dementia and their families. By recognizing situations independently, they help people communicate according to the situation, interact actively with people and additionally, the user interface automatically adapts its behaviour to match the users' changing needs and abilities.

We cannot change demographic trends. But our solutions help to meet the needs of older people. Today and in the future.



Lucerne University of
Applied Sciences and Arts

**HOCHSCHULE
LUZERN**

Technik & Architektur
FH Zentralschweiz

Contact:

Dr. Andrew Paice, Head of iHomeLab

Hochschule Luzern – Technik & Architektur | Technikumstrasse 21 | CH-6048 Horw

Phone +41 41 349 35 99 | info@ihomelab.ch | www.ihomelab.ch