

Identity Sandbox

Fostering Identity for People with Dementia



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Study different interaction contexts and enhance them by optimized experiences. Development of interactive systems in different contexts, main research stream is Ambient Assisted Living / Special User Groups / Inclusive Design

Application of **user-centered methodologies (UCD, PD)** towards innovative and optimized applications

- User experience requirements analysis and user studies for older adults
- Iterative design cycles, development of interaction alternatives
- Evaluation of concepts and prototypes
- Onsite user experience and prototyping lab

Expertise in

- various assessment techniques (questionnaires, probing, expert and user interviews, etc.)
- Assessing the importance of physiological and social factors for an optimized User Experience of people with special needs
- user requirements analysis, evaluation, interaction design, prototyping

Coordination of an AAL project from Call 5,6 (partner in several other AAL projects)

Who We Are



Identity Sandbox

Project idea

Goal

- Support people suffering from dementia (as well as their family members and care givers)
- combat the symptoms of dementia (e.g., loss of identity and self-awareness, feelings of insecurity)
- Continuity of participation in social life

Proposed Solution

- Provide embodied and playful interactions via physical artifacts and body-based interfaces
- Supporting collaborative interactions between persons with dementia and their loved ones
- Adaptable system to be used at home

Target Group

- People that can care for themselves but need support
- People with early onset of dementia
- Family members and informal care givers

We are looking for

- Technical Partners
 - Expertise in the development and design of tangible interfaces
- Business Partners
- Partner to deploy the proposed solution
- End-User organisations with experience in:
 - Early onset of dementia
 - Care for people with dementia in their home
 - Supporting informal care

Looking for

Further information:

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