



Workshop (W 1.15)

“Improving Quality of Life through Advanced Technology”

Madeira Island, Portugal

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Technological solutions to improve quality of life from young people with physical impairments to older generations with dementia and Alzheimer’s disease

Living in today’s society presents a myriad of lifestyles, situational incidences and continuous needs for citizens. Human circumstance gives the freedom to live in different settings pursuing various lifestyles and addressing needs on a physiological level as well as those more related to quality of life.

However, that freedom can be impacted either by physiological or cognitive conditions. Those limitations can arise from mobility problems, motor coordination or, in another level, from mental disorders either inherited or resulting from specific health conditions. Technology can provide the necessary tools to address these problems, if the needs are identified and requirements made clear. The aim of this current research work is to propose technologically driven solutions, addressing the needs of a considerably wide range of impairment. Solutions ranging from customized software, hardware features such as GPS and sensors or a blending of all these aiming towards a real benefit and improvement in daily life, while ensuring the need for safety and protection. The current study points to solutions that take into consideration the needs of different ages or social status, while also considering the costs and availability of technology. It is an overall ambition to maximize the technological benefit from devices and systems for the widest range of users.

Target Attendees

- Mainly partners from CARELINK and ACACIA project

Chair:

- Dr. João Sarraipa (jfss@uninova.pt), UNINOVA - GRIS, (Portugal)

Co-Chair:

- Gary McManus, Organisational Systems Manager, TSSG, (Ireland)

Organizing Committee: