



The Technology Research for Independent Living (TRIL) Centre is a research collaboration that addresses the physical, cognitive and social consequences of ageing and develops technology solutions which support independent ageing, ideally in a home environment.

IMAGE Gesture Recognition
by Brian O'Mullane

ABOUT TRIL

Launched in January 2007, the TRIL Centre at UCD conducts research into technologies that allow people to live independently as they grow older.

Working in interdisciplinary teams, researchers develop and test new technologies designed to help older people live self-sufficiently, thus improving their quality of life while reducing the burden on carers and the healthcare system.

FUNDING

TRIL commenced with funding of approximately US\$30 million over three years from Intel Corporation and IDA Ireland.

KEY AREAS OF RESEARCH

Supporting independent ageing involves the combination of several complementary research strands, underpinned by a technology platform, into a coherent fabric. These strands include the following:

- **Ethnography**
- **Falls Prevention**
- **Cognitive Function**
- **Social Connection**

COLLABORATION

The centre is a collaborative effort combining Intel personnel and researchers from Irish universities (University College Dublin, National University of Ireland Galway, Trinity College Dublin) and hospitals in multi-disciplinary teams.