ID-Card **iStoppFalls**

In our ageing society, falls and their consequences cause tremendous problems as related to fractures, quality of life and health care costs. Due to the ongoing changes in the age structure of the population, this problem with all its consequences will further increase in the near future and innovative and cost effective solutions to avoid falls in community-dwelling older adults are urgently needed.

Hereby active prevention plays an important role, especially in terms of fall-specific exercises and training programs. Modern information and communication technologies (ICT) in the field of home-based sensor technology, telemedicine and video games can support appropriate activities excellently as they are motivating and increasingly used by older people living at home.

The aim of *iStoppFalls* is to develop and implement ICT-based technologies which can be easily integrated in daily life practices of older people living at home, and which allow for continuous exercise training, reliable fall risk assessment, and appropriate feed-back mechanisms, based on discreet measuring technologies and adaptive assistance functions.

Main objectives of *iStoppFalls* are to increase the quality of life of our elder citizens and to reduce fall-related costs for our societies.

iStoppFalls will involve representatives of world-leading technology and research experts from both university and industry partners in Europe and Australia. The program will strengthen collaboration between research and technology which will provide tailored solutions for the ageing society, and thus contributes to European competitiveness and excellence.

Contact:

Dr. Rainer Wieching

University Siegen
Hölderlinstraße 3
57068 Siegen
Germany

Tel: +49 271 740 4036
Fax: +49 271 740 3384

Mail: rainer.wieching@uni-siegen.de

iStoppFalls

ICT based System to Predict and Prevent Falls

- Funded under: 7th Framework Programme
- Area: Information Society (ICT-2011-7.5.4)
- Project reference: 287361
- Total costs: 5.35 million euro
- EU contribution: 3.29 million euro
- Australian contribution: 0.42 million euro
- Execution: from 2011-10-01 to 2014-09-30
- Duration: 36 months
- Project status: Execution
- Contract type: Collaborative project

Participants:

Coordinator	University Siegen	Germany

German Sports University Cologne	Germany
AIT Austrian Institute of Technology	Austria
Instituto de Biomecanica de Valencia	Spain
Philips Research Europe	Netherlands
Kaasa Solution GmbH	Germany
University of New Southwales	Australia