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3rd international workshop for

“Situation recognition and medical data analysis in Pervasive Health environments” (PERVASENSE2011, www.pervasense.org)

to be held in conjunction with the 5th International Conference on Pervasive Computing Technologies for Healthcare 2011 (*Pervasive Health*) in Dublin on May 23rd, 2011

Location: UCD School of Computer Science and Informatics, Room CSI – B1.08



Agenda – PervaSense Workshop

09:00 General Introduction

Dr. Klaus-Hendrik Wolf, Holger Storf

Session 1

09:10 Keynote: ProAssist4Life and Connected Care for Elderly (CCE) - discreet assistance in the daily life

Michael Eisenbarth Özgür Ünalán

09:40 Introducing a low-cost Ambient Monitoring System for Activity Recognition

Sebastian Chiriac, Bruno Rosales Saurer, Gabi Stummer and Christophe Kunze

10:10 Designing a Telecare Product for the Elderly

Obinna Onyimadu, Fraser Harding and Jim Briggs

10:40 Coffee Break

Session 2

11:00 Requirements for a Behaviour Pattern Based Assistant for Early Detection and Management of Neurodegenerative Diseases

Andreas Hochgatterer, Lukas Roedl, Alberto Martinez, Igone Etxeberria, Erkuden Aldaz, Bernhard Wöckl and Jürgen Bund

11:30 Comparison of Nearest Neighbour and Neural Network Based Classifications of Patient's Activity

Matti Pouke and Risto Honkanen

12:00 Fall Detection with Distributed Floor-mounted Accelerometers

Franz Werner, Josef Diermaier, Sebastian Schmid and Paul Panek

12:30 Lunch