ALIAS & ABILITY WORKSHOP

“ADVANCED TECHNOLOGY FACING THE AGEING SOCIETY: SERIOUS GAMES AND COGNITIVE REHABILITATION”

9:30 - 12:30
Aula Seminari 1st Floor
Department of Informatics, Systems and Communication
University of Milano-Bicocca

9:30 Welcome and introduction
Stefania Bandini, Andrea Gorrini
Complex Systems & Artificial Intelligence research center
Department of Informatics, Systems and Communication
University of Milano-Bicocca

9:45 A Tool for Prevention and Early Diagnosis of Neuro-degenerative Diseases
Ludovico Ciferri
Graduate School of Management
International University of Japan

10:15 Coffee Break

10:30 The ABILITY-Telerehabilitation project: towards the development of a personal smart health community for dementia patients
Fabrizia Mantovani
Centre for Studies in Communication Sciences
Department of Educational Human Sciences
University of Milano-Bicocca

11:00 Game Data Recorder: a CBR tool for supporting the telerehabilitation of elderly people affected by dementia by using Serious Games
Andrea Gorrini
Complex Systems & Artificial Intelligence research center
Department of Informatics, Systems and Communication
University of Milano-Bicocca

11:30 Serious games on the move
Lucia Pannese
CEO imaginary s.r.l.

12:00 Concluding remarks
Stefania Bandini, Andrea Gorrini
Complex Systems & Artificial Intelligence research center
Department of Informatics, Systems and Communication
University of Milano-Bicocca
ABSTRACT

From academic to policy circles, the ageing of the population is becoming a major focus of discussion and concern. Citizens in an ageing population are at greater risk of cognitive impairment, frailty and social exclusion with considerable negative consequences for their quality of life. The organization of the Workshop includes both a presentation and discussion of the current open issues coming from the educational activities of the ALIAS project (Higher Education and Internationalization in the Ageing Society), as well as the case study of the ABILITY-Telerehabilitation research project. In particular, the Workshop will introduce several contributions focused on the application of advanced computer-based technologies for supporting the rehabilitation of elderly people affected by dementia: a neurocognitive disorder associated with the loss of a series of cognitive functions (DSM-V, 2013). The main goal of this Workshop is to allow a deeper reciprocal knowledge to be reached, through the talks of the invited lecturers and a free exchange of ideas.

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