

PARALLEL SESSION 5

OCTOBER 5th

Session 5.1 - Smart Homes

11:00 - 13:15, Room 1

- **Designing a Demonstrative Smart Home Environment in Slovenia for People with Disabilities and Elderly**
Mojca JENKO, Joze GUNA, Matevz PUSTISEK
- **The Centro - H Smart Homes, a Point of Convergence Between Technology and Social Sciences**
Elena MAINARDI, Stefano BANZI
- **Towards a Virtual Environment for the Design, Validation and Exploitation of an Adapted Living Area**
Arnaud PURET, P. GAUCHER, N. MONMARCHÉ, M. SLIMANE
- **Accesible Home Automation: Concept and Examples**
Rosa M. REGATOS
- **Safer with Personal Alarm Plus**
Bert RUNHAAR
- **Feasibility and Usability Study of Ambient Intelligence for Ageing Adults in Slovakia**
Dusan SIMSIK, Alena GALAJDOVÁ, Dolná ZLATICA
- **Implementation of Domotics. Analysis of Projects in the Netherlands.**
Charles WILLEMS, C. SCHUTGENS-WILLEMS
- **Towards a Living Lab for Old People and Their Carers as Co-Creators of Ambient Assisted Living (AAL) Technologies and Applications**
Paul PANEK, Marjo RAUHALA, Wolfgang L. ZAGLER

Session 5.2 - Assistive Technology in Education

11:00 - 13:15, Room 2

- **ICT and Inclusive Education in Primary School - Pupils with Motor Disabilities**
Jane BRODIN, Peg LINDSTRAND
- **Multimedia System for Accessible Distant Education**
Piotr BRZOZA, Dominik SPINCZYK
- **The ILT Project and Universal Design for Learning**
Trish MAC KEOGH, Gerald CRADDOCK, Marcia SCHERER, Yvette MARIN
- **Seamless Incorporation of AT into Student Support Needs**
Gráinne DELAHUNT, Dawn DUFFIN
- **Eminus - Vocational Rehabilitation on a Distance**
Sjoerd NIJHUIS
- **New Technologies and Specific Diseases of Learning: Development of the Emotional and Scholastic Competency in Consequence of the Use of Compensative Software**
M. Francesca POTENZA, Laura BERTOLO, Fabio CELI, Franco GIOVANNONI, Loris TOSELLI, Roberto VITALI
- **LinguaBytes: An Interactive, Tangible Play and Learning Device to Enhance Early Language and Literacy Development for Young Children with Multiple Disabilities**
Hans VAN BALKOM, Bart HENGEVELD, Caroline HUMMELS, Jan DE MOOR, Kees OVERBEEKE, Riny VOORT

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Session 5.3 - Design for All and User involvement

11:00 - 13:15, Room 3

- **GOMS Models to Evaluate the Quality of an User Interface for Disabled Users**
Martin SCHREPP, Annett HARDT
- **User and Carer Involvement in the Development of Assistive Technology for People with Dementia**
Inger HAGEN, Sidsel BJØRNEBY
- **The Users' Role in a ATM Evaluation Methodology**
Leonor Moniz PEREIRA, Cristina ESPADINHA
- **The importance of the Inclusion of Integral Accessibility Concepts in Leisure Areas and Playgrounds**
Ricard BARBERÀ, POVEDA, R., BELDA-LOIS, J.M., BAYDAL, J.M., MOLLÀ, F., NAVARRO, J., VERA, P., DEJOZ, R.
- **The Use of Night Time Postural Management Equipment: A Survey of UK Paediatric Chartered Physiotherapists**
Frances POLAK, Maxine CLIFT
- **Intergram, an User-centered Design Process**
Begoña LOSADA, Jabier MARTÍNEZ, David LÓPEZ
- **Universal Design Guideline to Accommodate Disabled Occupants**
Antika SAWADSRI

Session 5.4 - Mobile Technology

11:00 - 13:15, Room 5

- **MAPPED: A Portable and Accessible Journey Planner for Wheelchair Users in Urban Environments.**
Bryan BOYLE, Hugh O'NEILLO, Dr. Bob ALLEN, Dr Gary RANDALL, Tony BROWN
- **HelpPhone: a Successful Case of Technology Transfer**
Luca FANUCCI, David GIUSTI, Roberto RONCELLA, Andrea SCEBBA, Giulio VACCARI
- **Personal Health Monitoring System (PHS) for Patients with Long Term Conditions**
Jeremy NETTLE, Professor Christofer TOUMAZOU, Dr Keith ERREY
- **SensorPhone: Mobile Telephone Based Activity Monitoring System**
Frank VLASKAMP, Robert CHILDS, Bas LEMMENS, Hans NELISSEN, Emile ARNOLDUSSEN, Thijs SOEDE
- **The Personal Electronic Healthcare Record**
Frank VLASKAMP, Adrie DUMAY
- **Design of a Temperature Wireless Sensor for Human Body for Medical Applications**
Daniel PARDO, Daniel PARDO, Alexander VAZ, Aritz UBARRETXENA, Jose Angel IBARBIA, Andrés GARCÍA-ALONSO, Roc BERENGUER
- **Domotics, Robotics and Remote-Assistance for All**
Enrique VARELA COUCEIRO
- **Privacy Matters and Functionality in Ambient Supportive Technologies; Mobile Telephone Based Activity Monitoring Systems**
Mathijs SOEDE, Frans VLASKAMP, Harry KNOPS, Rober CHILDS

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Session 5.5 - Web Accessibility

11:00 - 13:15, Room 6+7

- **A Web Site Migration Support Tool to Reach European Accessibility Standards**
Sonia COLAS, Nicolas MONMARCHE, Dominique BURGER, Mohamed SLIMANE
- **Accessibility of Portuguese Public Universities' Sites**
Cristina ESPADINHA, Leonor MONIZ PEREIRA
- **Combining Empirical and Theoretical Methods to Enhance Large Scale Web Accessibility Monitoring Results**
Christian BÜHLER, Helmut HECK, Annika NIETZIO, Jenny CRAVEN, Mikael SNAPRUD
- **Accessibility of Business Web Applications**
Annett HARDT, Martin SCHREPP
- **Are the WEB Sites Barrier-free**
Cecilia SIK LÁNYI, Sándor FORRAI, Nóra CZANK, Ágnes HAJGATÓ
- **PISTA ACCESIBILIDAD, an Online Tool for Accessibility Evaluation of Web Portals**
Juan Antonio CUESTA, Carlos DE LA CRUZ
- **How Web Accessibility Guidelines Apply to Design for the Ageing Population**
Shadi ABOU - ZAHRA

Session 5.6 - Socio Economic Issues in Assistive Technology

11:00 - 13:15, Room 8+9

- **The Role of Accessibility and Assistive Technology in Remodelled Extra Care Housing: 10 Case Studies in the UK**
Ruth MAYAGOITIA, Els VAN BOXSTAEL, Hedieh WOJGANI, Fay WRIGHT, Anthea TINKER, Julienne HANSON
- **A Novel Model in Assistive Technology**
Luis AZEVEDO, Julio ABASCAL, Ramón CERES
- **Profile and Development Prospects of Assistive Technology Centres in Italy**
Renzo ANDRICH
- **Cost of Individual Assistive Technology Programme: a Population Study**
Renzo ANDRICH, Antonio CARACCILO
- **Who Determines the Ethics of AT research?**
Peter CUDD, Bryan BOYLE, Mark HAWLEY
- **Ethics and Assistive Technology Development - Project Workers' Experiences with Continuous Ethical Review**
Marjo RAUHALA, Georg EDELMAYER, Päivi TOPO, Wolfgang ZAGLER
- **An Investigation of Barriers to, and Facilitators of, the Use of Hospital Beds in the Prevention of Pressure Sores**
Greta R. OLSSON
- **Some Organisational and Social Preconditions for Successful Implementation of Enabling Technology**
Steinar WIDDING, Lise FJELDVIK