Wednesday 09/09/2015

Time			
8:00	Registration		
9:00	TPG Workshop: Web & Software Lifecycle End-to-End Accessibility Bartók Hall		
10:00			
11:00			
12:00			
13:00		Tutorials Lehár Hall	WHO-AAATE-RESNA meeting of the GATE research group (participation only upon invitation) Liszt Hall
13:30			
15:00			
15:30			
16:00			
16:15			
17:00			
18:00			
19:00			Global challenges in AT (open to all participants, registration is required) Mozart Hall Read more >> Reg. closed
20:00			
21:00			

Thursday 10/09/2015

Time			
8:00	Registration		
9:00	**Opening the conference & keynote lecture: Bartók Hall** Sofia Kalman, Hungary What makes it tick? Components of the effective use of AAC		
11:00	Coffee break & Poster view		
11:30	Session 1		

Session 1

Track A: Bartók Hall STS: Universal Teaching and Learning Chairs: Andrea Petz / Petar Penaz	Track B: Lehár I-II Hall STS: Technological and Human Assistance for People with Cognitive Disabilities Chairs: Lajos Izsó / Cecília Sik Lanyi	Track C: Brahms Hall AT Outcome, Transfer and Policy Chairs: Claire Bentley / Renzo Andrich	Track D: Liszt II-III Hall eAccessibility I Chairs: Peter Cudd / Gill Whitney
Kayoko Matsubara, Japan Usability of PDF based Digital Textbooks to the Physically Disabled University Student	Katalin Gruiz, Hungary Innovative methods and tools for professionals working in supported living services for intellectually disabled persons	Joseph Lane, USA Delivering Beneficial Impacts in Assistive Technology: Improving government's approach to innovation	Stephan Seifermann, Germany The Cooperate Assistive Teamwork Environment for Software Description Languages
Akio Fujiyoshi, Japan Paper-Based Textbooks with Audio Support for Print-Disabled Students	Miklós Győri, Hungary Evidence-based development and first usability testing of a social serious game based multi-modal system for early screening for atypical socio-cognitive development	Renzo Andrich, Italy Cost-effectiveness of powered wheelchairs: findings of a study	Valerio Gower, Italy Are mainstream mobile technologies bringing about new opportunities for people with disabilities? Insights from three case studies
Marion Hersh, UK ICT Learning Technologies for Disabled People: Recommendations for Good Practice	Miklós Győri, Hungary Evidence-based development and evaluation of mobile cognitive support apps for people on the autism spectrum: methodological conclusions from two R+D projects	Joseph Lane, USA Comparing 3 knowledge commuinication strategies - diffusion, dissemination, translation - through randomized controlled studies	Irena Kolar, UK Can We Fix The Web?
Andrea Petz, Austria Supporting Blind Students in STEM Education in Austria	Judit Csákvári, Hungary Applicability of standard eye-tracking technique in people with intellectual disability: methodological conclusions from a series of studies	Emma Friesen, Australia Testing usability of Mobile Shower Commodes for adults with Spinal Cord Injury: research methodology and overview	Christian Bühler, Germany Better Questions, Better Answers: Structured Web Accessibility Evaluations for Non-Experts
Georgios Kouroupetroglou, Greece A network of peers and practices for addressing Learner Variability: UDLnet	Cecilia Sik-Lányi, Hungary Developing an Animal Counting Game in Second Life for a Young Adult with Down Syndrome	Joseph Lane, USA Level Of Knowledge Use Survey (LOKUS): A validated instrument for tracking knowledge uptake and use	Gill Whitney, UK Accessible Web Design – The Power of the Personal Message

Time	
13:00	Lunch break
14:00	Session 2

Session 2

Track A: Bartók Hall Ambient Assisted Living I Chairs: Reuven Katz / Pier-Lugi Emiliani	Track B: Lehár I-II Hall AT and Accessibility for People with Dementia and Cognitive Disabilities I Chairs: Charles Willems / Miklós Győri	Track C: Brahms Hall AT Practice I Chairs: Niels-Erik Mathiassen / Andreas Richter	Track D: Liszt II-III Hall eAccessibility II Chairs: Gill Whitney / Steve Lee
Norman Alm, UK Smart Houses and Uncomfortable Homes	Seemab Latif, Pakistan Designing an Assistive Learning Aid for Writing Acquisition: A Challenge for Children with Dyslexia	Ray Grott, USA Guidelines and Options for Computer Access from a Reclined Position	Tomas Murillo-Morales, Austria Ontology-based Semantic Support to Improve Accessibility of Graphics
Niccolo Mora, Italy A plug&play Brain Computer Interface solution for AAL systems	Helene Lidström, Sweden Using a Particapartory Action Research design to develop an application together with young adults with Spina Bifida	EA Draffan, UK Stepwise approach to Accessible MOOC development	Anselmo Frizera Neto, Brazil Magnetic, Angular Rate and Gravity Sensor System Fusion for Orientation Estimation
Pier Luigi Emiliani, Italy Open Ambient Intelligence Environments	Rosalam Che Me, Italy Conceptual Design of Haptic-Feedback Navigation Device for Individuals with Alzheimer's Disease	Mark Magennis, Ireland DigiPlace4all: an online peer support community for digital skills	Prajaks Jitngernmadan, Austria A Comparative Study on Java Technologies for Focus and Cursor Handling in Accessible Dynamic Interactions
Sara Comai, Italy BRIDGeViz: Towards a Visual Analytics Tool for the Exploration of Indoor Daily Life of an Older Adult	Phil Joddrell, UK Applying guidelines for evaluating digital technologies for people living with dementia: A case study	Ray Grott, USA Maximizing Employment Outcomes through the Use of "Lower-Tech" Assistive Technology & Rehabilitation Engineering	Frode Eika Sandnes, Norway Designing GUIs for low vision by simulating reduced visual acuity: reduced resolution versus shrinking
Katharina Werner, Austria Assessing User Needs and Requirements for Assistive Robots at Home	Tone Øderud, Norway Persons with Dementia and Their Caregivers Using GPS	Helena Hemmingsson, Sweden Usability of RemindMe- an interactive web-based mobile reminder calendar: A professional's perspective	

Time	
15:30	Tea break & Poster view
16:00	Session 3

Session 3

Track A: Bartók Hall Ambient Assisted Living II Chairs: Pier-Luigi Emiliani / Reuven Katz	Track B: Lehár I-II Hall AT and Accessibility for People with Dementia and Cognitive Disabilities II Chairs: Klaus Höckner / Miklós Győri	Track C: Brahms Hall AT Practice II Chairs: Peter Cudd / Sally Fowler-Davis	Track D: Liszt II-III Hall eAccessibility III Chairs: Renzo Andrich / Surinder Bangar
Claudio Guerra, Italy An Identification Procedure for Behavioral Analysis in a Multi-User environment	Norman Alm, UK Distributed cognition, dementia, and technology	Claire Bentley, UK Barriers and Facilitators to Uptake of Assistive Technologies: Summary of a Literature Exploration	Thomas Westin, Sweden Balancing game universes for playing without sight or hearing
Reuven Katz, Israel Tele-care robot for assisting independent senior citizens who live at home	Mobility: AT, Accessibility and Usability I	Outi Töytäri, Finland The Assistance Dog system in Finland. An overview of the current situation and suggestions	Davide Mulfari, Italy Embedded systems for supporting computer accessibility
Paolo Ciampolini, Italy Self-tuning behavioral analysis in AAL "FOOD" project pilot environments	Sara Comai, Italy Mapping City Accessibility: Review and Analysis	Valerio Gower, Italy Progress of the European Assistive Technology Information Network	Naotsune Hosono, Japan Emergent Application on Smart Phone for Deaf, Language Dysfunction and Foreigners
Björn Slaug, Sweden Combining apps targeting professionals and senior citizens to improve housing accessibility and influence housing provision policies	Juan Vicente Durá-Gil, Spain SIMON: Integration of mobility and parking solutions for people with disabilities	Esben Skov Laursen, Denmark Collaboration between Industrial Designers and Design Engineers – Comparing the Understanding of Design Intent	AT for Blind and Low Vision People I
Anne Kärki, Finland How to live independently with or without technology?	Ricard Barberà-Guillem, Spain Examples of the application of the cause- effect ergonomic evaluation model to the wheelchair cushions	Erzsébet Földesi, Hungary Legal framework of universal design on international, European and national level	Hideaki Goto, Japan Versatile Text Extraction System for Text-to-Speech Reading Assistant Camera
Ger Cremers, Netherlands Platform for frail elderly supporting information and communication	Fabio Salice, Italy ODINS: On-Demand Indoor Navigation System RFID Based	Poster view	Kiyohiro Omori, Japan Validation of Mobility of Pedestrians with Low Vision Using Graphic Floor Signs and Voice Guides

Time	
17:30	Welcome coctail & Poster view

Time				
18:00	Additional Events SIGs, Board meeting			

Time	Friday 11/09/2015			
8:00	International stakeholder forum Bartók Hall			
9:30	Session 4			
	Track A: Bartók Hall **STS: Ageing, Disability and Technology: Creating Healthy Environments to Support Ageing and Disabled Persons** **Chairs: Helianthe Kort / Veronika Szűcs**	**Track B: Lehár I-II Hall** **Mobility: AT, Accessibility and Usability II** **Chairs: Klaus Höckner / Luc de Witte**	**Track C: Brahms Hall** **STS: Increasing independence of informal carers (IIIC 2015)** **Chairs: Martin Morandell / Miroslav Sili**	**Track D: Liszt II-III Hall** **AT for Blind and Low Vision People II** **Chairs: Andreas Richter / Dominique Archambault**
	Efthymia Apodoulianaki, Netherlands Visual functioning of aging care professionals and the influence of light, a brief literature study	**Reinhard Koutny, Austria** PONS – Mobility Assistance on Footpaths for Public Transportation	**Susanne Hensely-Schinkinger, Austria** Support Services for Informal Caregivers: First Results of Expert Interviews with Providers in the City of Vienna	**Kazunori Minatani, Japan** Proposal for SVG2DOT: An Interoperable Tactile Graphics Creation System Using SVG outputs from Inkscape
	Emelieke Huisman, Netherlands Creating healthy nursing home environment via lighting interventions: a theoretical approach	**Tsutomu Hashizume, Japan** Biomechanics and Physiology for Propelling Wheelchair Uphill Slope	**Harriet Weegh, Austria** Acceptance criteria for vision based fall detection	**Shoichiro Fujisawa, Japan** Visibility of LED Blocks Mounted on Crosswalk Boundaries for low Visual Capacity
	Jikke Reinten, Netherlands Measurements of speech intelligibility in common rooms for nursing home residents as a first step towards acoustical guidelines	**Reuven Katz, Israel** Agile Walker	**Aliaksei Andrushevich, Switzerland** RelaxedCare – Connecting people in care situations: User involvement to collect informal caregivers needs	**Oliver Ozioko, UK** Development of a Portable Two-way Communication and Information Device for Deafblind People
	Marianne Sinoo, Netherlands Development of the Environmental Observation scale for the Visual Impaired	**Christian Bühler, Germany** Way-Finding Support in Public Transport Environments provided by the NAMO Mobile Travel Assistance System	**Miroslav Sili, Austria** YouDo - we help! - An Open Information and Training Platform for Informal Caregivers	**Viktor Kálmán, Hungary** Wearable technology to help with visual challenges
	Mirjam van Tilborg, Netherlands The influence of dry eye and office environment on visual functioning		**Susanne Hensely-Schinkinger, Austria** Modes of independence while informal caregiving	**Stephan Pölzer, Austria** 2D Presentation Techniques of Mind-maps for Blind Meeting Participants
11:00	Coffee break & Poster view			
11:30	**Plenary session with keynote lectures: Bartók hall** **Penny Standen, UK:** Designing dedicated assistive technology or adapting mainstream technology? Examples from intellectual disabilities **Mike Paciello, USA:** E-Accessibility: Achieving Pervasive Inclusion			
13:00	Lunch break			
14:00	Session 5			
	Track A: Bartók Hall **Ageing, Disability and Technology** **Chairs: Christian Bühler / Katerina Mavrou**	**Track B: Lehár I-II Hall** **AT for People with Motor and Physical Disabilities I** **Chairs:Anne Kanto-Ronkanen / Gerhard Nussbaum**	**Track C: Brahms Hall** **AT Service Provision, Organisation and Impact I** **Chairs:Dominique Archambault / EA Draffan**	**Track D: Liszt II-III Hall** **AT for Blind and Low Vision People III** **Chairs: Peter Cudd / Miroslav Sili**
	Hiroko Akatsu, Japan Operational Assistance for Elderly People by Using Audio Rhythms	**Renée van den Heuvel, Netherlands** ICT based technology to support play for children with severe physical disabilities	**Szabolcs Kéri, Hungary** How assistive technology changes the brain: the critical role of hippocampal-striatal interactions during cognitive training	**Shoichiro Fujisawa, Japan** Walking Characteristics of Persons with Visually Impairment Crossing Intersections with Audible Pedestrian Signals
	Ricard Barberà-Guillem, Spain Beyond qualitative and subjective tecniques to asssess usability of banking interfaces for senior citizens	**Gerhard Nussbaum, Austria** 4D-Joystick – New Possibilities for Persons with Motor Disabilities	**Safaa Issa, Egypt** Can Disability Code Activation Promote Sustainable Development in Egypt…. After the Arab Spring?	**Juan Vicente Durá-Gil, Spain** Intuitive tactile algorithms to guide blind runners by means of a belt with vibrators
	Weiqin Chen, Norway Automatic Quiz Generation for the Elderly	**Jerome Dupire, France** Sweet Cheese - Back to the Physical World	**Beatrix Séllei, Hungary** The role of emotional intelligence in vocational rehabilitation with special respect to physically and cognitively disabled persons	**AT and Social / Health Care I**
	Fabio Salice, Italy SHARON: a Simulator of Human Activities, Routines and Needs	**Edwin Walsh, Belgium** Human-computer interface using a head mounted camera and IR markers	**Nikolaos Kaklanis, Greece** Service composition towards increasing end-user accessibility	**Mio Nakamura, Japan** Validation of the ULCEAT methodology by applying it in retrospect to the Roboticbed using development process
	Education and Training in AT, AAC (co-organised with the ENTELIS network) I	**Ildikó Fiszter, Hungary** Supporting shoulder rehabilitation – designing simple devices aiding physiotherapy	**Jonas Verbrugghe, Belgium** A qualitative study to evaluate strategies for changes in the assistive technology service delivery in Flanders: preliminary results	**Sally Fowler-Davis & Laura Evans, UK** Locating assistive technology research in a clinical setting: an occupational perspective
	Astrid Gramstad, Norway Deciding to apply for, receiving and starting to use assistive technology devices - an enigmatic journey. A qualitative study of the experiences of older individuals	**Poster view**		**Maria Panou, Greece** ICT services for prolonging independent living of the elderly with cognitive impairments - IN LIFE concept
15:30	Tea break & Poster view			
16:00	Session 6			
	Track A: Bartók Hall **Education and Training in AT, AAC (co-organised with the ENTELIS network) II** **Chairs: Dominique Archambault / Charles Willems**	**Track B: Lehár I-II Hall** **AT for People with Motor and Physical Disabilities II** **Chairs: Katerina Mavrou / Klaus Miesenberger**	**Track C: Brahms Hall** **AT Service Provision, Organisation and Outcome II** **Chairs: Sally Fowler-Davis / Evert-Jan Hoogerwerf**	**Track D: Liszt II-III Hall** **AT and Social / Health Care II** **Chairs: Luc de Witte / Iosif Klironomos**
	Katerina Mavrou, Cyprus A conceptual framework related to ICT-AT competence development: The theoretical foundations of ENTELIS	**Mark McGlinchey, UK** Feasibility of using MIRA with adult patients presenting with upper limb motor dysfunction post neurological damage	**Tamás Laki, Hungary** Development of Integrated Public Administration Custom Services in Hungary	**Yoshihiko Nomura, Japan** Hybrid Instruction Method of Brush Strokes with Haptic Device
	Katerina Mavrou, Cyprus Views and considerations on ICT-AT competences development within the Entelis project: The Case of Cyprus	**Jun Yamaguchi, Italy** Measuring Benefits of Telepresence robot for Individuals with Motor Impairments	**Surinder Bangar, UK** Assistive Technology: creating and engaging collaborative communities	**Iosif Klironomos, Greece** Improving quality of life through ICT for the facilitation of daily activities and home medical monitoring
	Oystein Dale, Norway Mainstream ICT Can Support Children and Adolescents with ADHD and/or Autism in Their Everyday Activities	**MyungJoon Lim, Korea, South** Usability of a new Writing Assistive Device for Persons with Cervical Spinal Cord Injury: a Pilot Study	**Peter Cudd, UK** Knowledge Exchange: Selecting research opportunities through estimation	**Tibor Guzsvinecz & Veronika Szücs, Hungary** Developing movement recognition application with the use of Shimmer sensor and Microsoft Kinect sensor
	Helena Hemmingsson, Sweden E-inclusion: Digital equality in school and during leisure time - young people with disabilities	**Brigitta Miksztai-Réthey, Hungary** Assistive Technology as an artifical intelligence opportunity: Case study of letter-based, head movement driven communication	**Nikolaos Kaklanis, Greece** A Unified Semantic Framework for the description of assistive technologies	**Veronika Szücs, Hungary** Developing movement therapy application with Microsoft Kinect control for supporting stroke rehabilitation
	Marco Carnesecchi, Italy Introducing LUDI: a research network on Play for Children with disabilities		**Alexandra Danial-Saad, Israel** Building an effective ontology for assistive technology	**Claude Vincent, Canada** Users' Perception and Readiness of the eChez-Soi In-Home Telerehabilitation Platform
17:30	Poster view			
17:30	Additional Events; AAATE assembly			
20:00	Social event, banquet			

Time	Saturday 12/09/2015			
8:00	Registration			
9:00	Session 7			
	Track A: Bartók Hall **Education and Training in AT, AAC** **(co-organised with the ENTELIS network) III** **Chairs: Klaus Miesenberger / Emma Friesen**	**Track B: Lehár I-II Hall** **AT for People with Motor** **and Physical Disabilities III** **Chairs: Lajos Izsó / Cecília Sik Lanyi**	**Track C: Brahms Hall** **AT Service Provision,** **Organisation and Impact III** **Chairs: Laura Evans / Tamas Laki**	**Track D: Liszt II-III Hall** **AT and social/health care III** **Chairs: Renzo Andrich / Iosif Klironomos**
	Emma Friesen, Australia Structures, snacks, sprints, and socialising: strategies to increase writing output for AT Practitioners	**Loek van der Heide, Netherlands** Daily activity patterns of people provided with a dynamic arm support	**Åse Brandt, Denmark** How to Accomplish the Assistive Technology Service Delivery Process for Adults in Order to Obtain the Best Outcomes – A Literature Review	**Alexandra Queirós, Portugal** Goal setting for cerebral palsy children in context therapy: improve reliability when linking to ICF
	Anne Kanto-Ronkanen, Finland Developing User-Centered Continuous Professional Education for ATD service personnel	**Lajos Izsó, Hungary** Possibilities of the ErgoScope high fidelity work simulator in skill assessment, skill development and vocational aptitude tests of physically disabled persons	**Tulio Maximo, UK** Assessing Service Delivery Systems for Assistive Technology in Brazil using HEART Study quality indicators	**Palla Alessandro, Italy** Bioimpedance based monitoring system for people with neurogenic dysfunction of the urinary bladder
	Augmented and Alternative Communication (AAC)	**Gabriella Mészáros, Hungary** The Importance of Technical Devices in the Self-care of Upper Limbs Amputees	**Terje Sund, Norway** The relationship between the key elements of Donabedian's conceptual model with the field of assistive technology	**Lex Van Velsen, Netherlands** Advancing Telemedicine Services for the Aging Population: The challenge of Interoperability
	EA Draffan&Nadine Zeinoun, UK A Participatory Research Appoach to develop an Arabic Symbol Dictionary	**Márk Pulay, Hungary** Eye-tracking and EMG supported 3D Virtual Reality – an integrated tool for perceptual and motor development of children with severe physical disabilities: a research concept	**Christian Bühler, Germany** Implementing UNCRPD - Barrier free access to buildings in NRW - Database and signet NRW inklusiv	**Juan Vicente Durá-Gil, Spain** PUMA project: Active involving of end users to achieve a smart solution to prevent pressure ulcer
	Shoichiro Fujisawa, Japan Development of Augmentative and Alternative Communication Assessment Tools for Patients with ALS	**Claude Vincent, Canada** Service Dogs for People with Spinal Cord Injury: Outcomes Regarding Functional Mobility and Important Occupations	**Erika Jókai, Hungary** Developing Deep Water Excercise Equipment for Low Back Pain (LBP) Patients: medical validation experiences	**Hille Maas, Estonia** Effectiveness of IPMS tool for handling chronic low back pain with sitting workplace employees
	Sharon Borg, Malta A user and their family's perspective of the use of a low-tech vs a high-tech AAC system	**Poster view**		
10:30	Coffee break & Poster view			
11:00	**Plenary session with keynote lectures: Bartók Hall** **Laura Evans & Sally Fowler Davis, UK** Assistive technology in rehabilitation; Have we lost the plot?			
11:45	**Closing of conference, awards**			
12:30	**Lunch break**			
14:00	**Additional events: excursion**			

	ACCEPTED POSTER PRESENTATIONS
P-01	**Ricard Barberà-Guillem, Spain** Example of the PERSONA methodology in the definition of needs and requirements for the WeTakeCare system
P-02	**Ricard Barberà-Guillem, Spain** The use of dance as a rehabilitation approach for children with cerebral palsy: a single case study
P-03	**Masayuki Booka, Japan** Effect of Tire Pressure to Physical Workload at Operating a Manual Wheelchair
P-04	**Florian Breitinger, Germany** Conceptualizing Everyday Mobility of Older People as Basis for the Development of a Pedestrian Assistance System
P-05	**Károly Bretz, Hungary** Advanced work capacity testing
P-06	**Loes Cardinaels, Belgium** A Functional Analysis Of An Assistive Device Information Database in Flanders: A Qualitative Study.
P-07	**Rosalam Che Me, Italy** Virtual Reality in Assessing the Supportive Environment that Promotes Navigability of Alzheimer's disease Patients
P-08	**Luca Fanucci, Italy** Bridging the gap between high school and University studies for student with disability
P-09	**Luca Fanucci, Italy** Real-time Pedestrian Crossing Recognition for Assistive Outdoor Navigation
P-10	**Astrid Gramstad, Norway** Occupational therapy research on technology in Scandinavia. A research proposal
P-11	**Takuro Hatakeyama, Japan** Development of Communication Assistive Technology for Person with Deaf-Blindness and Physical Limitation
P-12	**Kaoru Inoue, Japan** Communication Robots for Elderly People and Their Families to Support Their Daily Lives
P-13	**Ryota Kurozumi, Japan** Development of safety concept of electric wheelchair driving support system based on assessment of risk
P-14	**Jette Bangshaab, Denmark** Technologies Closely Connected to Citizens' Health - methodology, user involvement and health care technologies
P-15	**MyungJoon Lim, South Korea** A Brief Introduction of Service Delivery Systems for Assistive Technology in Republic of Korea
P-16	**Fausto Medola, Brazil** Comfort, Stability and Body Posture in Wheelchair Cushions: a preliminary study with able bodied subjects
P-17	**Fausto Medola, Brazil** Development of the Sorri-Bauru posterior walker
P-18	**Fausto Medola, Brazil** Using a Pressure Mapping System to evaluate Contact Pressure on hands during use of axillary crutches
P-19	**Mitsuru Naganuma, Japan** Use of Robotic Pets in Providing Stimulation for Nursing Home Residents with Dementia
P-20	**Gabriella Nagy, Hungary** Multiple ANN Recognizers for Adaptive Recognition of the Speech of Dysarthric Patients in AAL Systems
P-21	**Cecilia Pettersson, Sweden** Experiences of using powered wheelchair or powered scooter and accessibility in housings
P-22	**Alexandra Queirós, Portugal** AAL@MEO: Interactive Digital-TV to Support Home Care
P-23	**Barbara Sepic, Qatar** BrailleEasy: One-handed Braille Keyboard for Smartphones
P-24	**Yoshiyuki Takahashi, Japan** Development of a Daily Life Support System for Elderly Persons with Dimentia in the Care Facility
P-25	**Remy van der Vlies, The Netherlands** Checking dwelling performance for Aging-in-Place
P-26	**Takashi Watanabe, Japan** Improving Assistive Technology Service by Using 3D Printing: Three Case Studies
P-27	**Charles Willems, The Netherlands** Education in care and technology, a facilitator of interdisciplinary research
P-28	**Katsuhito Yamaguchi, Japan** New Tools to Convert PDF Math Contents into Accessible e-Books Efficiently
P-29	**Takao Yanagihara, Japan** Study on the Good Level of Legibility of Japanese Characters in Graphic Floor Signs
P-30	**Warren Goodland, United Kingdom** Increasing awareness and take up of electronic aids by providing a library of these devices