This draft programme contains the "locked down" planning of sessions.

The programme will be regularly updated during the next weeks with additional information about the sessions, the speakers, etc. The information will also be provided in more accessible formats.

MAIN CONFERENCE VENUE

Plesso/Facility: "Belmeloro"

Via Beniamino Andreatta 8, Bologna

Rooms and their main function

There are 2 buildings: A and B.

Building A

B: Plenary Hall - 400 seats (first floor)

C: Scientific programme – 100 seats (first floor)

D: Scientific programme – 100 seats (first floor)

E: Scientific programme – 100 seats (second floor)

F: Scientific programme – 100 seats (second floor)

Building B

H: Silent working area – 50 seats (first floor)

L: Educational sessions – 50 seats (second floor)

M: Policy sessions – 50 seats (second floor)

P: Innovation area – 50 seats (ground floor)

Q: Social meeting point/coffee room – 40 seats (ground floor)

The registration/information desk in Belmeloro is open from Tuesday 27th to Thursday 29th from 8.30 to 18.30 and Friday 30th from 8.30 to 14.30.

Date: 27.08.2019 (Pre-conference)

Time	CENTRAL CONFERENCE VENUE "BELMELORO" Via Beniamino Andreatta 8, Bologna		OTHER LOCATIONS		
	ROOM P	ROOM Q	EON Reality Worklife Innovation Hub, Via del Lavoro 47, Casalecchio di Reno	INAIL Via Rabuina 14, Vigorso di Budrio	ARCHIGINNASIO Piazza Galvani 1, Bologna
8.30-9.00	Registration for the conference is possible in Belmeloro between 8.30 and 18.30.		*Bus leaving for Casalecchio at 8.30 from Piazza VIII Agosto, Via Irnerio side of the square.*		
9.00-9.30	**PAAL Project meeting (closed)**		**Virtual/Augmented Reality and Social Robotics in the Assistive Technology domain.** **A "hands-on" workshop organised by AIAS Bologna onlus and EON Reality Italy**	*Bus leaving for Vigorso at 9.15 from Piazza VIII Agosto, Via Irnerio side of the square.* **Visit to "Centro Protesi INAIL" at Vigorso di Budrio**	
9.30-10.00					
10.00-10.30		**General Assembly of the International Alliance of Assistive Technology Organisations**			
10.30-11.00					
11.00-11.30					
11.30-12.00					
12.00-12.30		**Workshop AAATE/SIG "Standardisation" (S13N)** **How to find and contribute to standards.** **Standards as a means to support AT/Accessibility/Inclusion**			
12.30-13.00					
13.00-13.30					
13.30-14.00				*Bus back to town. Drop off at Piazza VIII Agosto.*	
14.00-14.30			*Bus back to town. Drop off at Piazza VIII Agosto.*		
14.30-15.00					**Registration**
15.00-15.30					**Unlocking human potential** **This high-level meeting will bring together representatives of international organisations, among which the World Health Organisation and of national authorities and civil society organisations.** With: Inmaculada Placencia-Porrero (The European Commission), Wei Zhang (WHO), Alejandro Moledo (European Disability Forum), Luk Zelderloo (European Association of Service Providers to Persons with Disabilities), Giampiero Griffo (The Italian national Observatory on the conditions of persons with disabilities), Cathy Holloway (Global Disability Innovation Hub), Renzo Andrich (the EASTIN network), Roger Smith (Rehabilitation Engineering Society of North America), Malcolm MacLachlan (Assisted Living and Learning Institute, Maynooth University) and many others. Presentation of: -the International Alliance of Assistive Technology Organisations -the Bologna Charter.
15.30-16.00					
16.00-16.30					
16.30-17.00					
17.00-17.30					
17.30-18.00					
18.00-18.30					
18.30-19.00					
19.00-20.30					**Conference Welcome cocktail (19-20.30)**

DATE: 28.08.2019 (Conference day 1)

8.15-9.00	Registration (please register in time)
9.00-11.00	Opening ceremony* Key note MacLachlan, M Panel discussion
11.00-11.30	Coffee break

Time	ROOM B*	ROOM C	ROOM D	ROOM E	ROOM F	ROOM L	ROOM M	ROOM P
11.30-12.00	**STS6: EYE GAZE TECHNOLOGY** **Hemmingsson, H (STS 6)** *Eye gaze controlled computer: a total survey in Swedish context* **Holmqvist**, E **(STS 6)** *Gaze-controlled communication technology for children with severe multiple disabilities: Parents and professionals' perception of gains, obstacles, and prerequisites*	**AT & AGING** **Jutai, J** *Reducing health disparities in older people through assistive technology* **Orrell, A** *Assistive social care technologies for older people: let's talk more about this*	**STS8: AI & INCLUSION** **Draffan, EA (STS 8/1)** *AI and Inclusion: A Roadmap for Research and Development* **Potter, S (STS 8/1)** *The Four Idols of AI for Health and Wellbeing*	**CO-CREATION/USER EXPERIENCE** **Pavón, J** *Co-creation of assistive solutions* **Zahid, A** *Hackcessible: Towards a new model for stimulating user-led innovation in Assistive Technology*	**STS3: ACCESSIBLE STEM** **Murillo Morales, T (STS 3)** *Natural Language Processing for Non-visual Access to Diagrams* **Leporini, B (STS 3)** *Technology Support for Inclusive STEM Laboratories: State-of-the-Art and Open Challenges*	**EDU 1.1** De Jonge, D, Friesen, E *Measuring outcomes of AT service delivery and interventions*	**POLICY SESSION 1** **Quality in AT Research: Re-Evaluating Use of the Medical Model** Best, K.L. Routhier, F MacLachlan, M Smith, R Mavrou, K Smith, E.M.	**A detailed schedule of presentations in the innovation area is available on the conference website in the programme section.** **We welcome presentations of:** **AbleNet, Inc.** **Texthelp**
12.00-12.30	**Masayko, S (STS 6)** *Child and Environmental Factors Influencing Selection of Eye Gaze Technology for Trials & Adoption for Young Children: An Interprofessional Pilot Study* **Borgestig, M (STS 6)** *Eye gaze technology's effect on participation and functional independence*	**Oderud, T** *Experiences with the use of welfare technologies for elderly persons* **Nihei, M** *Assistive Products Use among Oldest-Old People in Japan: Differences in Personal Attribute and Living Situation*	**Zimmermann, G (STS 8/1)** *AI Bias in Gender Recognition of Face Images – Study on the Impact of the IBM AI Fairness 360 Toolkit* **Gilligan, J (STS 8/1)** *Machine Learning: Design by Exclusion or Exclusion by Design?*	**Gavra Boland, S** *Study on how health care service providers together with industry partners can co-design accessible assistive technology for individuals with intellectual disability.* **Timmins, B** *Assistive technology users at the coal face of confronting intrinsic design issues in their assistive technology*	**Yamaguchi, K. (STS 3)** *InftyReader Lite: Converting e-Born PDF into Various Accessible Formats* **Agbakuribe, B.C. (STS 3)** *An Investigation into Pedagogical and Opportunity Confines in STEM Education Of Visually-Impaired Nigerians: Why Disabled People Must be Involved*			**Rehabilitation Engineering Laboratory, Department of Health Sciences and Technology, ETH Zurich** **Advanced Manufacturing Research Centre, University of Sheffield** **National Institute of Advanced Industrial Science and Technology (AIST)** **Liquidweb srl** **Dreamwaves** **AIAS Bologna**
12.30-13.00	**Gopalarao, D (STS 6)** *Facilitating Participation in Routines and Activities for Individuals with Complex Challenges by Use of Eye Gaze Intervention in a Transdisciplinary Special Education Setting* **Schettini, F (STS 6)** *Combining P300-based Brain Computer Interface with an eye-tracking system to improve communication efficacy for people with ocular motor impairment*	**Vincent, C** *Preferred" light color in home lighting interventions for people with age-related macular degeneration (ARDM)*	**Wolters, M (STS 8/1)** *Accessibility and Stigma: Designing for Users with Invisible Disabilities* **Draffan, EA (STS 8/1)** *AI and AAC: Linking Open Symbol sets - A global approach*	**Meyer, JT** *Enabling User-centered Design and Evaluation to Increase Acceptance of Wearable Robotic Assistive Technologies* **Conway, V** *Benefits Beyond Experience*	**Bertel, L. (STS 3)** *Robot-supported inclusive education: a case study on the kubo robot in early stem education* **Pulina, F (STS 3)** *Automatic support for web accessibility evaluation*			**Raised Lines Foundation** **AssisTech Lab, IIT Delhi** **Flexmotive Technologies** **Ergotek s.r.l.** **University of Pisa** **UrAbility** **Presentations will be repeated at least twice during the conference.**
13.00-13.30				Lunch			Lunch	
13.30-14.30			Lunch			**AAATE National Contact Person meeting**		**2 presentations**

Time	ROOM B*	ROOM C	ROOM D	ROOM E	ROOM F	ROOM L	ROOM M	ROOM P	
14.30-15.00	**STS21: CARE ROBOTICS EUROPE-ASIA** **Potter, S (STS 21)** *Care Robotics Development: A European Perspective* **Song, WK (STS 21)** *Planning care robot project in Korea based on user centered approach and its future direction*	**AT & DEMENTIA** **Lemmens, R** *Stay@home with dementia: from needs assessment to assistive technology* **van den Heuvel, R** *CRDL – interactive technology eliciting engagement in elderly people with dementia*	**STS8: AI & INCLUSION** **Iwabuchi, M (STS 8/2)** *IoT-Based Observation Technology for Assessment of Motor and Cognitive Conditions in Children with Severe Multiple Disabilities* **Ciampolini, P (STS 8/2)** *IoT-based continuous lifestyle monitoring: the Noah concept*	**STS9: SUPPORTING STUDENTS** **Craddock, G (STS 9)** *Universal Design as a catalyst for transformation across the Educational Continuum* **Mackeogh, T (STS 9)** *Developing the Irish Matching Person with Technology (IMPT) to a multimedia format through a Universal Design process.*	**MOBILITY (1)** **Darvishy, A** *Travelers with disabilities: Challenges and assistive technologies* **Burzagli, L** *People moving in a Smart City*	**EDU 1.2.** **Ishack, M** *The Pelvis: The Basis of Any Wheelchair Intervention*	**POLICY SESSION 2** **EU Accessibility legislation and implementation** **Moledo, A. (EDF)** **Placencia-Porrero, I. (The European Commission)**	**A detailed schedule of presentations is available on the conference website in the programme section.**	
15.00-15.30	**Lim, MJ (STS 21)** *What should be considered when developing care robots according to their types?* **Bedaf, S (STS 21)** *Cultural differences in perceptions of care robots within Europe*	**Giraldo, M** *Assistive technologies for older persons with intellectual disabilities. a preliminary systematic review for future research implementation* **Sponselee, AM** *Virtual garden for people with dementia*	**Inoue, T (STS 8/2)** *Field-based innovation methodology and development of an information support robot system for older people with cognitive decline* **Ummels, D (STS 8/2)** *Patients' experiences with commercially available activity trackers embedded in physiotherapy treatment: A qualitative study*	**Waller, A (STS 9)** *Exploring the Role of Assistive Technologist in a Special Education (SE) Setting* **Pousada, T (STS 9)** *Assistive Technology in the University, Is there still a person-technology match?*	**Jadhav, N** *Challenges in Indoor Navigation and Accessibility* **Krumins, V** *An affordable concept to produce mobility devices in low resource settings*		**(session ends 15.15)**		
15.30-16.00	**Kim, J (STS 21)** *The Influence of Socio-Economic Phenomenon on Eldercare-Robotic Solutions in Korea*	**Vincent, C** *Dementia dogs and their impact on community-dwelling persons with mild to moderate dementia and their family caregivers* **Routhier, F** *Family caregivers' experience of care and use of assistive technologies*	**Alessa, T (STS 8/2)** *Smartphones Apps to Support the Self-Management of Hypertension: identification of the most suitable apps* **Vercelli, G (STS 8/2)** *Developing an Intelligent Virtual Coach for Boccia: Design of a Virtual Boccia Simulator*	**Zapf, S (STS 9)** *Outcome Effectiveness of Assistive Technology in Supporting Students' Mastery of Educational Goals* **Federici, S (STS 9)** *Standardizing the procedures, improving the listening to the needs of the individual user*	**Ableitner, T** *User acceptance of Augmented Reality glasses for hand exoskeleton control* **Kurokawa, S** *Accuracy evaluation of an add-on acquisition system of operation log with inertial measurement units for a mobility scooter*				
16.00-16.30				**Tea break**				**Opportunity to meet the presenters in the innovation area**	
16.30-17.00	**AT & IOT** **Radcliffe, I** *Universal controller: An open source software development promoting connectivity with assistive technology devices and the internet of things* **Rega, A** *Implementing an IoT based task analysis system to promote autonomy in daily hygiene of adults with autism in a residential house*	**STS7: MOOCS & OERS** **Strobbe, C (STS 7)** *Designing a MOOC for "Training the Trainers"* **Gilligan, J (STS 7)** *Using MOOCAP OERs to support Universal Design and Accessibility initiatives in Computer Science programmes in Ireland's first Technological University*	**COMMUNICATION DISORDERS** **Mulfari, D** *A machine learning assistive solution for users with dysarthria* **Oe, K** *Development of controllable electrolarynx controlled by neck myoelectric signal*	**ASSISTIVE ROBOTICS** **Ootani, M** *A Walking Assist Robot Which makes the Pelvis Move More Easily and Assists in Walking* **Lepore, C** *VIVO-Rehab: Coupling humanoid robots with motion sensing devices to support upper limb function assessment of children with Spinal Muscular Atrophy (SMA)*	**MOBILITY (2)** **Arlati, S** *A Semantic Decision Support System to foster Return to Work of Novice Wheelchair Users* **Gøeg, K** *Wheelchair users' experiences with and need of activity trackers*	**EDU 1.3.** **Emma Friesen** *Assessing usability of mobile (rolling) shower chairs*	**POLICY SESSION 3** **Global challenges in AT education and training** **Promoting organization: International Alliance of Assistive Technology Organisations (IAATO)** **With:** **Hoogerwerf, E.J.** **Smith, R.** **Others tbc**	**A detailed schedule of presentations is available on the conference website in the programme section.**	
17.00-17.30	**Resalat, T** *The use of Internet of Things (IoT) and Assistive Technology (AT) in*	**Chen, W (STS 7)** *Harnessing MOOCs and OERs in teaching digital accessibility --*	**Buchholz, M** *How do we provide necessary support to enable remote communication for people*	**Igarashi, T** *Socially assistive robots influence for elderly with cognitive impairment living in*	**Maurya, SK** *Addressing communication issue among caregivers and wheelchair users: identifying*				

developing 'Smart Homes' for health and social care in the UK **Kaimara, P** *Waking-up in the morning: A gamified simulation in the context of learning activities of daily living*	*experiences with a flipped classroom approach* **Draffan, EA (STS 7)** *Exploring the impact of the Digital Accessibility MOOC*	*with communication difficulties?* **Buchholz, M** *Let's stay in touch! Remote communication for people with communicative and cognitive disabilities*	*nursing facilities : Micro observation and analysis* **Honda, Y** *A Trial of a Communication Robot at Home for Elderly living alone using the Data of "How Are You? "Call*	*design metrics and defining needs* **Routhier, F** *Usability assessment of a navigation tool for manual wheelchair users in urban areas*			
17.30-18.30	**Refreshments & WeCareMore Launch**						
18.30-20.00	**Guided City tour**						

DATE: 29.08.2019 (Conference day 2)

Time	ROOM B*	ROOM C	ROOM D	ROOM E	ROOM F	ROOM L	ROOM M	ROOM P	
9.00-9.30	**POLICY** **Layton, N** *Assistive Technology, the International Classification of Functioning, Disability and Health, and the Convention on the Rights of Persons with Disabilities* **Altin, N** *Political drivers in harnessing the power of the assistive technology: a multiple streams framework analysis*	**AT EDUCATION/AT IN EDUCATION** **Medenica, V** *Recommendations for using assistive technologies for inclusive media education in kindergartens* **Shrieber, B** *The impact of using learning apps on executive functions: task initiation and persistence, of students with attention and learning disorder*	**STS17: PATHOLOGICAL SPEECH PROCESSING** **Green, P (STS 17)** *Global Challenges in Pathological Speech Technology* **Mendoza Ramos, V (STS 17)** *Acoustic features to support the perceptual evaluation of accent production in dysarthric speech*	**AT & INTELLECTUAL DISABILITY** **Zegarra Flores, J** *"ADAPEI transport" a learning and navigation app for young adults with intellectual disabilities to improve their autonomy to take public transport* **McDonnell, M** *Creating appropriate instructional applications for users with intellectual disability*	**AT DELIVERY: CROSS-CULTURAL PERSPECTIVES** **Grinberg, M** *Barriers to Assistive Technology in Europe* **Salminen, AL** *Demanding assistive technology for study and work in Finland 2007–2018*	**EDU 2.1.** **Priscilla M. Danielson, Ole N Danielson** *UDL Needs to be a "Bottom-Up" Educational Process*		**POLICICY SESSION 4 Workshop on Technology Transfer** **Tbc** **With:** Neto, O., Cudd, P., Andrich, R. Banes, D. others	
9.30-10.00	**Altin, N** *Re-thinking the advancement of the assistive technology system from the human rights perspective.* **Sharma, S** *"Equipping, empowering, enabling": center-staging Assistive Technologies in disability and rehabilitation policy discourse in India*	**Provisor, A** *The Contribution of iMovie Editing to Improve Storytelling Skills of a Student with Deafness & ADHD* **Vella, F** *Observation of HandiMathKey appropriation phase by disabled students in a middle school*	**Oates, C (STS 17)** *Enabling Early Detection and Continuous Monitoring of Parkinson's Disease* **Vasquez, J (STS 17)** *Apkinson: a Mobile Solution for Multimodal Assessment of Patients with Parkinson's Disease*	**Kafritsa, E** *Assessment of SlideWiki OpenCourseWare Platform by individuals with mild or medium intellectual disability* **Gavra Boland, S** *Can Accessible Technology help Person Directed Planning? Exploring the role of an ICT solution to evidence value in service delivery for people with intellectual disabilities.*	**Tönsing, K** *Augmenttive and alternative communication systems for multilingual contexts: a South African perspective* **Contempomi, S** *Access to appropriate Assistive Technology in less-resourced settings: Argentina´s case*				
10.00-10.30	**Menich, N** *Access to assistive technology in Hungary – what is (not) done about it?* **Fiordelmondo, V** *Examining Gender, Disability and Technology: A survey study from the RISEWISE project*	**Waller, A** *Exploring Models of Digital Assistive Technology Education and Training* **Rocha, N** *A Special Needs Course in undergraduate health professions: an evaluation using mixed methods*	**Parekh, S (STS 17)** *Generating phonological feedback for evidence-based speech therapy* **Hawley, M (STS 17)** *From VIVOCA to VocaTempo: development and evaluation of a voice-input voice-output communication aid app*	**Louw, J** *Evaluating a Social Inclusion Intervention with Support of a Mobile Application among Young Adults with Intellectual Disabilities* **Jókai , E** *Using high fidelity work simulator for vocational orientation, skill assessment and development of young adults with disabilities*	**Khan, MH** *Availability and Awareness of Assistive Products in Bangladesh from the Perspective of Rehabilitation Professionals* **Zdaniuk, N** *Assistive Technology Access: a global concern in the Canadian context – stakeholder perspectives on unmet needs, gaps in services, and ethical, social, and policy issues*				
10.30-11.00				Coffee break					
11.00-11.30	**DIGITAL HEALTH – THEMATIC SESSION SUPPORTED BY PROACT** **Fisk, M** *Telehealth Product and Service Design for an Ageing Population* **Ciravegna, F** *A digital system supporting*	**STS13: INCLUSIVE EDUCATION ENVIRONMENTS** **Miesenberger, K (STS 13)** *"Nothing about Us without Us": Next Level*	**STS10: GOOD PRACTICES IN AT DELIVERY** **Watanabe, T (STS 10)** *Proposal for Collaborative Assistive Technology Provision with Digital Fabrication* **Salatino, C (STS 10)** *Assistive technology*	**STS15: INDOOR/OUTDOOR MOBILITY** **Elgendy, M (STS 15)** *Indoor Navigation for People with Visual Impairment* **Pettersson, C (STS 15)** *Understanding mobility device users' experiences of physical inaccessibility and*	**STS2: USER PARTICIPATION IN SW DEVELOPMENT** **Dirks, S. (STS2)** *Participation of Users with Disabilities in Software Development Projects* **Marzini, M (STS2)** *Assistive Technology for People*	**EDU 2.2.** **Lauren E. Vaughan, Linda Lawrence** *The Assessment, Development, and Implementation of Low and High Technology Augmentative and*	**STS18: ROBOTICS, VIRTUAL WORLDS & WHEELCHAIRS** **Ragot, N (STS 18)** *ADAPT: an EU multidisciplinary project in robotics rehabilitation for empowering people with disabilities*	A detailed schedule of presentations is available on the conference website in the programme section.	

Time	ROOM B*	ROOM C	ROOM D	ROOM E	ROOM F	ROOM L	ROOM M	ROOM P	
	effective remote multi-agency home visits	**Patel, PK (STS 13)** *Accessibility evaluation of computer-based tests*	*service delivery in rehabilitation context*	*discrimination: a qualitative study*	*with Profound Intellectual and Multiple Disabilities*	*Alternative Communication (AAC) Systems*	**Oprea, P (STS 18)** *Artificial intelligence for safe assisted driving based on user head movements in robotic wheelchairs*		
11.30-12.00	**Galvin, M** *ProACT: Person-centred digital integrated care for adults aged 65 years and over, living with multimorbidity.* **Gherardini, A** *Advancing home-based integrated care for older adults with multiple chronic conditions: preliminary results from the Italian ProACT trial*	**Wuttke, L (STS 13)** *LernBAR [Learning based on Augmented Reality] – An inclusive Training Concept for Home Economics* **Baldiris, S (STS 13)** *Meta-analysis on the impact of augmented reality on the learning gains of students with special needs*	**Maas, H (STS 10)** *ICF and ISO 9999 based evaluation of assistive technology effectiveness and electronic profiles* **De Jonge, D (STS 10)** *Exploring smart technologies: the value of tailored sessions*	**Comai, S (STS 15)** *MEP CROWD: Improving Data Quality of Crowd-based Accessibility Maps* **Mirri, S (STS 15)** *On Enhancing Campus Accessibility: accessible digital signage, wayfinding and navigation*	**Sacchi, F. (STS2)** *Usability evaluation of mobile application for persons with disabilities: a review of available tools* **Edler, C. (STS2)** *E-Inclusion of People with Cognitive Disabilities Inclusive Collaboration in Research and Development for Improved Cognitive Accessibility*		**Arlati, S (STS 18)** *A Simulator to Promote the Return to Work of Wheelchair Users* **Hatzidimitriadou, H (STS 18)** *A Literature Review of the Challenges Encountered in the Adoption of Assistive Technology (AT) and Training of Healthcare Professionals*		
12.00-12.30	**Jones, N** *Opportunities for multimedia tools to improve services* **Willard, S** *Why do Dutch older adults use online community care platforms, or not?*	**Mavrou, K (STS 13)** *Augmenting Reading through technology: The Living Book Project* **Raouna, M (STS 13)** *Flipped Classroom for All in primary education: Using technology for differentiation and inclusion*	**Borilovic, J (STS 10)** *What are they doing and what are they measuring? A scoping review on the technological interventions and ageing in place outcomes allied health professionals use.* **Norman, G (STS 10)** *Assistive Technology Provision in India; challenges and solutions*	**Prandi, C (STS 15)** *Making tourism services accessible to visually impaired users through a mobile app*	**Shrieber, B. (STS2)** *"From Word to Sign": Developing and Examining a Chrome Extension for Compensating Reading difficulties of Deaf and Hard of Hearing Israeli Sign Language Users* **Carrizosa, HG (STS2)** *Arches Project – Validation of Technological Outcomes of Gaming Software based on a Participative Research Methodology*		**Parkin, C (STS 18)** *A Survey of Assistive Technology Knowledge and Experiences of Healthcare Professionals in the UK and France: challenges and opportunities for workforce development* **Stein, MS (STS 18)** *Training Needs and Development of Online AT Training for Healthcare Professionals in UK and France*		
12.30-13.00	**Long, S** *A Systems Approach to the implementation of a national model of Assistive Technology Service Delivery: Challenges and Opportunities Designing for the future: a Systemically Viable Assistive Technology Service for Disabled and Older People in Ireland*	**Traina, I (STS 13)** *Project E-IDEAS: empowerment of youth with Intellectual Disabilities through an individualized transition program including AT for acquiring employment skills*	**Pigini, L (STS 10)** *Assessing the outcome of individual assistive technology interventions* **Roentgen, U (STS 10)** *Assistive Technology Service Delivery Models in the Netherlands*	**Xi, L (STS 15)** *Shared Control System of Electric Wheelchair for Persons with Severe Disabilities using Reinforcement Learning Method* **Yanagihara, T (STS 15)** *The Effect of Footway Crossfall Gradient on one arm and leg drive wheelchairs*	**Hayhoe, S (STS2)** *Participatory Methodology, Inclusive Control Systems and Inclusive Technical Capital Developed by Engineering Undergraduates and Teenagers from a Marginalised Community in Mexico* **Cudd, P. (STS2)** *Starting on the innovation path for a fatigue management app for people with Multiple Sclerosis*		**Mohamed, E (STS 18)** *Integrating ride dynamics measurements and user comfort assessment to smart robotic wheelchairs* **Kolaghassi, R (STS 18)** *A smart posture monitoring and correction system for wheelchair users*		
13.00-13.30									
13.30-14.00			Lunch						
14.00-14.30									

Time	ROOM B*	ROOM C	ROOM D	ROOM E	ROOM F	ROOM L	ROOM M	ROOM P	
14.30-15.00	**STS22: SOCIAL ROBOTICS** **Rea, F (STS 22)** *HUMANOID ROBOTS: Advantages of social robots in the assistance of elders* **Takahashi, Y (STS 22)** *Communication Robot System for Older People Who Live Alone*	**AAC (1)** **Carbone, F** *Development of an AAC system for a student with speech impairment and spastic quadriplegia* **Yoda, I** *Augmentative and Alternative Gesture Interface (AAGI): Multi Modular Gesture Interface for People with Severe Motor Dysfunction*	**AT & SPORT** **Amaike, K** *Designing high-efficient and easy-to-wear thermal interface for cooling of wheelchair athletes during training* **Kitagawa, K** *Thermal characterization and field trial of a wearable coolant circulator for assist of thermoregulation in wheelchair athletes*	**AT OUTCOME (1)** **Layton, N** *Continuous Outcome Scaling: A Discriminative Method for Person- Centered Assistive Technology Outcomes Studies* **Mele, ML** *Towards a Successful Match Between User and Assistive Technology: A Correlational Study on User's Satisfaction, Perceived Effectiveness, and Psychosocial Impact of an Assistive Solution*			**POLICY SESSION 5** **Standardisation. A report from the AAATE SIG preconference workshop followed by discussion**	**A detailed schedule of presentations is available on the conference website in the programme section.**	
15.00-15.30	**Ghiglino, D (STS 22)** *Robot-assistive joint attention training in autism spectrum disorders* **Cesario, L (STS 22)** *Promoting the use of social robots to engage students with special education needs (SEN): development of a teacher-friendly app*	**Waller, A** *Presentation Matters: A Design Study of Different Keyboard Layouts to Investigate the Use of Prediction for AAC* **Hirotomi, T** *Communication partners' perspective on the use of an AAC application oriented to just-in-time language acquisition*	**Uchida, T** *Automatic Production System for Sports Program with Support Information* **Hiraga, R** *First Evaluation of Information Support of everyone by everyone for everyone TimeLine (ISeeeTL) applied to Deaf and Hard of Hearing People Watching Sport*	**Arthanat, S** *What is the pay-off? Usability and cost benefit of assistive technology at workplace* **Weller, S** *Technology's Impact on Tasks of Employees with Disabilities in Germany (2006-2017)*					
15.30-16.00				Coffee break					
16.00-16.30	**Platform speech 1**	**Platform speech 2**	**Platform speech 3**	**Platform speech 4**					
16.30-17.00	**Riccio, A** *Bridging the gap between research and practice: investigation of needs and characteristics of end-users, for a future inclusion of BCIs in AT-centers*	**Coccagna, M** *Environment and people perceptions: the experience of NEVArt, Neuroestethics of the Art Vision*	**Aarts, S** *Ethics in future research: It's already hard enough without it*	**Tbc**					
17.00-19.00	**AAATE General assembly**								
18.10-19.10				Busses leaving for social dinner at different intervals					
20.00				Social dinner					

DATE: 30.08.2019 (Conference day 3)

Time	ROOM B*	ROOM C	ROOM D	ROOM E	ROOM F	ROOM L	ROOM M	ROOM Q	
8.00-9.00					**Registration desk**				
9.00-9.30	**POLICY SESSION 7** **Challenges in implementing IoT based person-centred services** **Part 1. IoT applications and services: (big) data treatment and other ethical issues** **With: Malcolm Fisk, Klaus Höckner, Mirko Orsini, Paolo Ciampolini, Massimiliano Malavasi**	**STS12: PLAY ROBOTICS** **Besio, S (STS 12)** *What is Play in Robotics Today?* **Bonarini, A (STS 12)** *Simple robots for simple play: exploiting the resources in real situations.*	**STS1: COGNITIVE ACCESSIBILITY** **Tola, G. (STS 1)** *Gap reduce. A research & development project aiming at developing a tool for promoting quality of urban life of people with autism spectrum disorder.* **Lee, S (STS1)** *Cognitive and Learning Disabilities work at W3C and for the Easy Reading Project.*	**STS14: DEVELOPING AT WITH END USERS** **Tetteroo, D (STS 14)** *Designing end-user adaptable interactive rehabilitation technology* **Biasin, E (STS 14)** *'Sharing is caring': what are the main legal and ethical challenges to be looked at when co-designing DIY assistive technologies?*	**STS19-20: AT2030** **Fineberg, AE (STS 19-20)** *ATscale – meeting the global need for AT through an innovative cross-sector partnership* **Savage, M (STS 19-20)** *Increasing access to assistive technology by addressing the market-barriers: A market-shaping approach for wheelchairs*	**EDU 1.4.** **Marcia Scherer & Susan Zapf** *Developing Practice Guidelines in Assistive Technology Assessment and Outcome Measures Using the MPT Model.*	**POLICY SESSION 6** **Assistive Technology Best Practices and Challenges in Higher Education in Europe** **Promoted by CNUDD** *(The Conference of Italian University Rectors' Delegates for Disabilities)* **With:** **Chattat, R.** **Fanucci, L** **Miesenberger, K.** **Archambault, D.** **Gilligan, J.** **Arenghi, A.**	**A detailed schedule of presentations is available on the conference website in the programme section.**	
9.30-10.00		**Azevedo, L (STS 12)** *Play and Augmentative Mobility: the INMAC (INclusive Mobility for All Children) Vehicle* **Bianquin, N (STS 12)** Mainstream traditional or robotic toys. Which of them better supports playfulness in children with disabilities?	**Zaynel, N. (STS1)** *Inclusive Participatory Evaluation and Analysis with Peer-Researchers with Cognitive Disabilities - an Innovative Approach* **McCaig, A. (STS1)** *Automated Adaptation of Content and Structure of Original Web pages*	**Daniels, R (STS 14)** *Structural cooperation between different care organizations* **Andreoni, G (STS 14)** *Design and implementation of a multimodal wearable systems for functional assessment in rehabilitation and work*	**Holloway, C (STS 19-20)** *AT2030 – exploring novel approaches to addressing the global need for AT* **Barbareschi, G (STS 19-20)** *Innovate Now: Creating an Assistive Technology Innovation Ecosystem in Nairobi*				
10.00-10.30		**Jansens, R (STS 12)** *Guidelines and tools on usability and accessibility of robots for play for children with disabilities: Review and proposal from the LUDI project.* **Encarnação, P (STS 12)** *Taking integrated augmentative manipulation and communication assistive technologies to daily intervention practice*	**Heumader, P. (STS1)** *Adaptive User Interface Concepts Supporting People with Cognitive Disabilities* **Derbring, S. (STS1)** *Safety, Privacy and Ethical Considerations when Researching With People with Cognitive Disabilities*	**de Vlugt, E (STS 14)** *Making black swans free as a bird: freedom, safety and courage in psychogeriatric care* **Lemmens, R (STS 14)** *Stay@home with dementia: Companies, healthcare- and knowledge institutions challenged for user-centered design*	**Barbareschi, G (STS 19-20)** *Moulding a New Prosthetic Service Delivery System with the Amparo Confidence Socket* **Oderud, T (STS 19-20)** *Developing tablet audiometry for screening children's hearing in Tanzania*				
10.30-11.00		**Heuvel, R (STS 12)** *Playing with ZORA – Robot supported therapy and education for children with severe physical disabilities*	**Parker, S. (STS1)** *New Approaches to Web User Tracking*	**Sels, R (STS 14)** *ARTHE: Development of an upper limp Active smart weaRable orthosis for stroke THErapy* **Van der Heide, L (STS 14)** *Combine forces in further developing an innovation for incontinence care*	**Van den Bergh, G (STS 19-20)** *Assistive technology services for children with disabilities and inclusive education in Tanzania: the need for intersectoral coordination* **Jalovcic, D (STS 19-20)** *Comprehensive approach to assistive technology in low-income country: A case study of CRP Bangladesh*				
11.00-11.30					**Coffee break**				

Time	ROOM B*	ROOM C	ROOM D	ROOM E	ROOM F	ROOM L	ROOM M	ROOM Q	
11.30-12.00	**POLICY SESSION 7** **Challenges in implementing IoT based person-centred services** **Part 2. Removing barriers to upscaling and transfer of integrated care platforms** **Ferrando, M** *Transferability of digital solutions for integrated care (ProAct qualitative research)* **With: Lorenzo Chiari, Elisabetta Gualmini, Lisa Cesario, Anna Gherardini, Evert-Jan Hoogerwerf**	**(e)ACCESSIBILITY** **Conway, V** *Accessibility equals Innovation* **Salinas López, V** *Complex PDF remediation for accessibility: review of current methodologies.*	**AT in REHABILITATION** **Hobbs, D** *A Custom Serious Games System with Forced-Bimanual Use can Improve Upper Limb Function for Children with Cerebral Palsy – Results from a Randomised Controlled Trial* **Maximo, T** *CIRANDA, a floor seat positioning system and social enterprise*	**AT OUTCOME (2)** **Salatino, C** *Aassistive technology outcome measures: a review of recent literature* **Jacobsen, T** *Outcome of provision of "uncomplicated" assistive devices to older people in the Faroe Islands – an IPPA pretest-posttest study*	**AAL, MONITORING & AGING** **Simbrig, IM** *Evaluation of an assistive technologies bundle by informal carers of older adults. Results from a pilot trial in Austria and Italy* **Manabe, K** *Evaluation of daytime activities at home for elderly hemiplegic patients and development of bed with standing up function to prevent disuse syndrome*	**STS5: APPROPRIATE WHEELCHAIRS: A GLOBAL CHALLENGE** **Allen, M. (STS 5)** *Wheelchair stakeholders meeting 2018 - developing a global wheelchair sector report with priority actions toward sustainable wheelchair provision: appropriate wheelchairs, a global challenge* **Gowran, R. (STS 5)** *Personal, public, political discourse illuminating context specific experiences enabling and depriving individuals as wheelchair users in the republic of ireland: appropriate wheelchairs a global challenge*	**AAC (2)** **Klaus, B** *AsTeRICS Grid – a flexible web-based application for alternative communication (AAC), environmental- and computer control* **Hristova, E** *Attitudes and Usage of AAC in Bulgaria: A Survey among Special Education Teachers*	**A detailed schedule of presentations is available on the conference website in the programme section**	
12.00-12.30		**Jitngernmadan, P** *Holistic Evaluation Method and Tools for Local Government Websites, Case Study: EEC, Thailand* **Rocha, N** *Usability assessment of an Accessible Voting System – a mixed method study*	**Sik Lanyi, C** *Developing an android game for restoring the motor functions of fingers* **Saad, A** *Hand Function in skills of modern day among Elderly Individuals*	**Friesen, E** *Developing an administration manual for the eMAST: a case study* **Zapf, S** *Cross-Walking the Matching Assistive Technology to Child Assessment to the ICF Model*	**Comai, S** *Detecting Social Interaction in a Smart Environment* **Joddrell, P** *Continuous ambient in-home walking speed monitoring in frail older adults: Results of a feasibility study*	**Goldberg, M. (STS 5)** *Global Wheelchair Service Provision Capacity Building: An Online Mentoring Feasibility Study* **Gowran, R. (STS 5)** *A cross-sectional survey investigating wheelchair skills training in Ireland: appropriate wheelchairs a global challenge*	**Kimura, T** *Sign language recognition using machine learning by a new linguistic framework* **Koutny, R** *Access to Non-Verbal Aspects of Group Conversations for Blind Persons*		
12.30-13.00			**Sik Lanyi, C** *Mobile health game development to motivate walking for hematopoietic stem cell transplant patients* **Saad, A** *Experience level and Usability evaluation while using "TATOO", a touch screen tool for assessing children and clinicians*	**Magni, R** *Translation and preliminary validation of the Italian version of the Family Impact of Assistive Technology Scale for Augmentative and Alternative Communication (FIATS-AAC.it)*	**Pol, M** *Effectiveness of sensor monitoring in a rehabilitation program for older patients after hip fracture: a three-arm stepped wedge randomized trial* **Costanzo, A** *HABITAT: a New Generation of Ambient Assisted Living*	**Pearlman, J. (STS 5)** *Improving Global Wheelchair Product Quality* **Fujisawa, S. (STS 5)** *On Tire Pressure and Comfort of Manual Attendant-Controlled Wheelchairs*	**Northridge, J** *Selecting AAC apps for effective communication in a mainstream classroom setting. A new framework of where to start.*		
13.00-14.00	**Closing ceremony*** **With: Elisabetta Gualmini (MEP)**								
19.00-24.00	**Dinner on the wine farm**								