Call for Papers

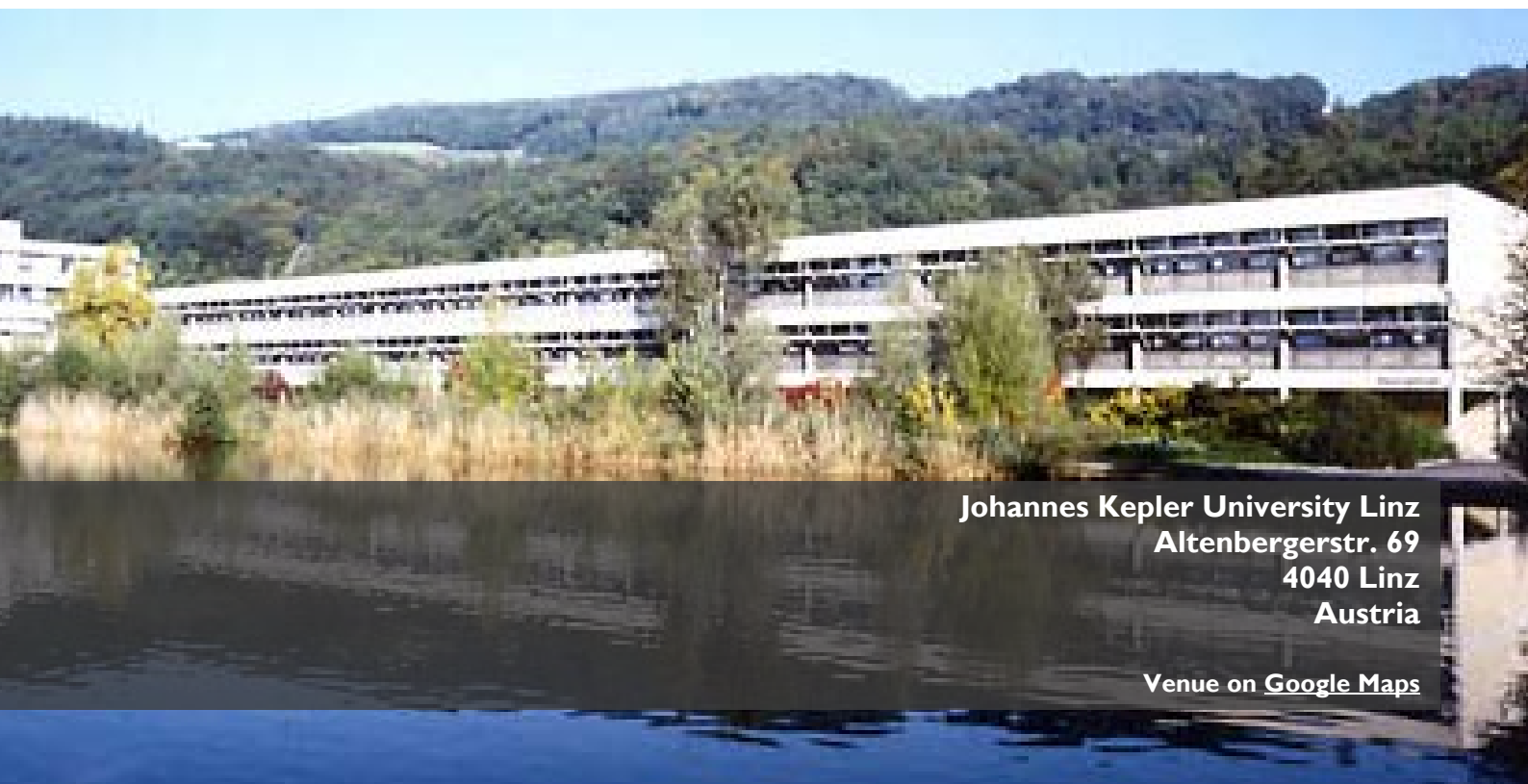**16th ICCHP**
International Conference on Computers
Helping People with Special Needs
July 11 – 13, 2018
Pre-Conference: July 9 - 10, 2018

Johannes Kepler University Linz
Altenbergerstr. 69
4040 Linz
Austria

Venue on Google Maps

http://www.icchp.org

Deadline for the Submission of Extended Abstracts:

February 1, 2018!

Organized in co-operation with:
Austrian Computer Society, Vienna, Austria
Masaryk University, Brno, Czech Republic
Institute Integriert Studieren, University of Linz, Austria

Content

Welcome

The 16th biennial International Conference on Computers Helping People with Special Needs (**ICCHP**) will be held on July 11-13, 2018 again in Linz, Austria, its place of origin and location of the core organizing team.

ICCHP had the honor to accompany and support the revolutionary developments of Assistive Technology (AT) and eAccessibility over the last three decades. It is proud to serve as a means for scientific exchange and communication in this context.

The UN Convention on the Rights of People with Disabilities (UNCRPD) is the globally accepted reference and expression of the societal transformation towards effective inclusion and participation of all people with disabilities in society. The UNCRPD refers to AT, eAccessibility, eInclusion and Design for All as precondition and means of support. Exactly these are also the core topics of **ICCHP**. Since the first conference in Vienna (Austria) back in 1989 **ICCHP** has evolved as a unique and one of the few long term references of R&D and evidence how Information and Communication Technologies (ICT), AT and eAccessibility have been implemented and have significantly contributed to the improvement of the life of people with disabilities. It was my pleasure to join most of the past **ICCHP** conferences.

ICCHP provides an interdisciplinary platform and scientific forum including all sorts of stakeholders. It is remarkable that all proceedings published in Springer's *Lecture Notes in Computer Science* (LNCS) and made available online since 2006 have reached more than 100.000 (some almost 200.000) downloads of articles. This makes **ICCHP** a well-recognized reference for our growing and expanding field.

ICCHP's mission for inclusion and participation in the information society strives for better AT for support, enhancement and restoration of resources for people with disabilities and compensating limitations of standardized Human Computer Interaction (HCI). This mission still gains more importance due to the ongoing ICT revolution (Internet / Web of Things / Ubiquitous computing / Cloud based services).

The ICT revolution brings along an increased potential for inclusion and participation, but also risks for exclusion and thus the responsibility for implementing eAccessibility. It provokes a growing number of challenging research questions. Old boundaries of concepts dissolve, new approaches and fresh thinking are needed: not only in technical terms, but also in legal, social, economic, pedagogic and other terms. **ICCHP** is open towards all these aspects, invites to and provides a platform for an according holistic discussion for improving the lives of people with disabilities in every corner of our world.

ICCHP 2018 will host high-quality, well reviewed submissions from scientists, users, practitioners, educators and policy makers. In addition to the traditional paper sessions, the forum also invites industry representatives showing their new products and looking for new ideas. In particular, **ICCHP** welcomes young researchers, the next generation of experts in our field, and encourages them to contribute to the Young Researchers Consortium as well as to the Coding for a Cause competition. Additionally, the conference affords spaces and times for less formal discussions – an important factor supporting the transfer of knowledge so needed in our endeavors.

Please examine our current call for papers, updated web information, and consider joining us on July 2018 in Linz. **ICCHP** is an outstanding international meeting place, a stimulating and inclusive venue for presenting research.

Come and get involved!

Georgios Kouroupetroglou
University of Athens, Greece
General Chair ICCHP 2018

ICCHP Topics

ICCHP focuses on Assistive Technology (AT) and accessible ICT (eAccessibility) for people with disabilities and older adults fostering independent life, participation and inclusion and improved services and support.

By its nature, **ICCHP** has a wide area of topics and a future oriented mission.

For orientation, we add a glossary of conference topics at the end of the Call.

ICCHP 2018 is open to visionary ideas and future oriented thoughts – an inclusive platform for you!

Key Dates

Call for Papers	September 2017
Deadline for getting involved in Code for a Cause (C4C) 2018	January 15, 2018
Deadline for announcing Specific Thematic Sessions (STS)	January 15, 2018
Deadline for extended abstracts / full papers	February 1, 2018
Deadline for reviews	February 22, 2018
Notification of acceptance	February 27, 2018
Preliminary Program	March 15, 2018
Deadline for camera-ready papers and speaker registration	March 25, 2018
Deadline for nominating Invited Introductory Lectures	March 25, 2018
Deadline for submissions to the Young Researchers´ Consortium	April 15, 2018
Notification of Acceptance to the Young Researchers´ Consortium	May 15, 2018
Deadline Early Registration	May 1, 2018
Deadline for announcing Workshop, Tutorials, Seminars, Meetings, Demonstrations and Posters	June 1, 2018
Deadline for Nominations for the **ICCHP** OCG Roland Wagner Award	June 15, 2018
Pre-conference	July 9-10, 2018
Conference	July 11-13, 2018

Call for Contributions

http://www.icchp.org/call-18

Full Papers and Short Papers

ICCHP publishes its proceedings in the acknowledged **Springer Lecture Notes in Computer Science (LNCS)**. Volumes published in the LNCS series are made available to the following indexing services:

- ISI Conference Proceedings Citation Index - Science (CPCI-S), included in ISI Web of Science
- EI Engineering Index (Compendex and Inspec databases)
- ACM Digital Library
- DBLP
- Google Scholar
- IO-Port
- MathSciNet
- Scopus
- Zentralblatt MATH

Accepted papers (8 pages in camera ready LNCS format) and short papers (4 pages in camera ready LNCS format) will be presented in time slots of ~ 20 (papers) or ~ 10 minutes (short papers).

Registration to the conference by one author per paper is mandatory!

To allow a fair review process, authors are asked to submit well-elaborated **extended abstracts (2-4 pages)** of new, unpublished work not later than **February 1, 2018**. Contributions will be reviewed by at least three experts and selected for acceptance based on their judgment. Each paper assessment will be monitored by one conference chair to prepare the final decision.

Authors should follow the instructions for preparing contributions ("extended abstracts") at:
http://www.icchp.org/submission-18

Find information on how to prepare camera ready papers at **Springer´s**.

The Journal of Enabling Technologies (JET, http://www.emeraldinsight.com/journal/jet) plans to publish a series of articles from one theme/STS at **ICCHP** 2018. More information will follow about the chosen strand. All registered delegates 2018 are offered free access to Vol 9 issue 3, containing papers from **ICCHP** 16 and Vol 7 issue 2 with papers from **ICCHP** 12.

Invited Introductory Lectures

The field of AT, eAccessibility and eInclusion by nature relates to almost all aspects of our information society. It has become a basic layer of an open and democratic information society making it more diverse and complex. **ICCHP** wants to answer the need of getting and keeping an overview by setting up the **Introductory Lectures** scheme. On the day before the main conference (**second Pre-Conference day, July 10 2018**), a series of invited lectures and TeD-Talks (to be confirmed) from leading experts will provide inspiring insights into topics of particular interest for our field.

ICCHP is open and interested to receive your proposals for topics and speakers not later than **March 25, 2018** by **eMail** to icchp(at)jku.at. Please indicate "Introductory Lectures" as subject!

The sooner we get your proposals, the higher the chances that we can find and contract a top speaker (to be published following http://www.icchp.org/intro-lectures-18 upon confirmation)!

Special Thematic Sessions

ICCHP invites experts to organize Special Thematic Sessions (STS) to present a detailed and comprehensive view to specific topics of particular interest. Chairs organizing STS are asked to advertise the session on their own. An introduction by the chair (short paper, 4 pages, referenced) will scientifically recognize these efforts in the proceedings.

Special thematic sessions must be announced until **January 15, 2018**.
Furthermore, the final acceptance of an STS is subject to a corresponding number of accepted papers and upon decision of the **ICCHP** programme chairs.
More information published asap following: **http://www.icchp.org/sts-18**

Universal Learning Design Track

ICCHP is proud to cooperate with the **Support Centre for Students with Special Needs of Masaryk University Brno, Czech Republic**, in organizing a special track on Universal Learning Design (ULD) as part of **ICCHP** 2018.

This track will put a particular emphasis on inclusive learning and teaching environments. It provides a platform for a more interdisciplinary discussion. More information will be made available asap at ICCHP website.

Contributions to ULD must be submitted by using the **ICCHP** conference tool and selecting ULD as the contribution category.

Workshops, Tutorials and Seminars

ICCHP invites you to run introductory workshops, tutorials and seminars, especially during Pre-Conference. For conference participants, **ICCHP** provides all necessary facilities (room, basic technical infrastructure like WiFi and video projector) for free. Other amenities as well as catering are available upon further notice / order / confirmation and the self-cost rate. In case the majority of your participants are not registered for ICCHP but brought and nominated by you, different rules and regulations might apply. Workshops, tutorials and seminars should be announced by eMail to **icchp(at)jku.at** until **June 1, 2018** and will be published asap following **http://www.icchp.org/workshops-18**.

Meetings, Presentations and Posters

ICCHP provides facilities for meetings of project consortia, associations and other organizations that want to combine their activities with **ICCHP**. For registered conference participants, **ICCHP** provides all necessary facilities (room, basic technical infrastructure like WiFi and video projector) for free. Other amenities as well as catering are available upon further notice, order and confirmation and to the self-cost rate. In case the majority of meeting participants are not registered for ICCHP but brought and nominated by you, different rules and regulations might apply. Meetings will be announced asap following **http://www.icchp.org/meetings-18**

Possibilities for displaying information can be made available (e.g. exhibition space, poster wall). For conference participants organizing such activities is free of charge.

Meetings, Presentations and Posters should be announced by eMail to **icchp(at)jku.at** until **June 1, 2018.**

Young Researchers´ Consortium

"The Next Generation of AT Experts"

The YRC will be organized to take place during **ICCHP** pre-conference sessions. Supervisors of e.g. diploma / PhD theses or practical work in companies focusing on or related to the field of AT and eInclusion should motivate and support outstanding students to take part. The best contributions will be presented in a plenary session of **ICCHP** 2018. **ICCHP** will cover participation and accommodation costs for the accepted Young Researchers. Extended abstracts on the work have to be submitted until **April 15, 2018**.

Submission and more information following: **http://www.icchp.org/yrc-18**

Code for a Cause – C4C

Student Coding Competition for eAccessibility and AT

ICCHP, in co-operation with P:P (**Project:Possibility**) calls for participation in this students programming competition for accessibility.

Universities, as part of their curricula in Computer Science and related fields, can invite groups of students to work on eAccessibility topics defined by end users or experts.

The best team from each university will be invited to take part in the P:P final during ICCHP.

Interest in participating should be announced no later than January 15, 2018 by eMail: **icchp(at)jku.at**.

Please indicate "C4C participation" as subject.

More information at: **http://www.icchp.org/c4c-18**

C4C 2016: The winning team – Masaryk University Brno

ICCHP Award

Roland Wagner Award on Computers Helping People with Special Needs.

The Austrian Computer Society announces the biannual **ICCHP** Roland Wagner award in the range of € 3000, handed over at the occasion of **ICCHP** conferences.

Nominations are to be submitted by eMail to icchp(at)jku.at until **June 15, 2018**.

Details at: **http://www.icchp.org/award**

Former Winners

Award 8	Dominique Burger, BrailleNet, Inserm, France
Award 7	Shared Award for:
	Masakazu Suzuki (Kyushu University), Japan
	Art Karshmer (University of San Francisco), USA
Award 6	The TRACE Center, USA / Gregg Vanderheiden
Award 5	Shared Award for:
	Harry Murphy (Center on Disabilities at California State University), USA
	Joachim Klaus (Study Center for the Visually Impaired, Karlsruhe University), Germany
Award 4	Daisy Consortium, USA / George Kersher
Award 3	Larry Scadden (National Science Foundation), USA
Award 2	Paul Blenkhorn (For scientific work in software development in AT), UK
Award 1	WAI-W3C, USA / Judy Brewer
Award 0	Roland Wagner (Initiating award on the occasion of Prof. Wagners 50th birthday), AT

ICCHP 2018 Organizational Details A – Z

Cancellation Policy

For cancellations **until June 15, 2018**, we charge a service fee of **€75,-**.

For **publishing authors and later cancellations, no refund** can be made.

The date of receipt shall be decisive.

Delegates, who do not cancel and do not attend, will still be responsible for the full registration fee. The delegate has the right to appoint a substitute at any time without additional cost.

All cancellations and changes must be submitted in written form – with indication of full name, invoice number and bank details for reimbursement – to: **icchp(at)jku.at**.

Conference Language

The conference language is **English**.

Conference Rates

Category	Rate in € (excl. 10% VAT)	Proceedings	Gala Event	Lunch	Info, Deadline
Author´s Fee	580	incl.	incl.	incl.	March 25, 2018
Additional paper	105	-	-	-	Rate per add. paper, March 25, 2018
Additional page	70	-	-	-	Rate per add. page March 25, 2018
Early Bird Fee	580	incl.	incl.	incl.	May 15, 2018
Standard Fee	630	incl.	incl.	incl.	July 1, 2018
On-site Fee	680	incl.	incl.	incl.	-
One-Day	260	-	-	incl.*	* Lunch of the specific day
Students´ Fee	105	-	-	incl.	Student ID required
Personal Assistants	0	-	-	-	Get in touch!

All fees include coffee breaks, lunches and Welcome/Farewell reception! All rates are **excl. 10% VAT**.

Cultural and Social Events

ICCHP is committed to its role of transferring the idea and concept of an open in inclusive society into mainstream. Culture and art are powerful vehicles to support a change in awareness, understanding and attitudes regarding inclusion and participation in society. **ICCHP** invites you to a sociable, comforting **Welcome Cocktail**, a splendid **Gala Event** and a communicative **Farewell Party**

More at: **http://www.icchp.org/social-events-18**

Registration

An online registration form is available at:

http://www.icchp.org/user/register

Accessibility Service

ICCHP is committed to accommodate people with diverse needs and abilities.

In order to arrange services for your individual situation, get in touch as soon as possible with **icchp(at)jku.at** and check the box **"Accessibility Service"** **during registration**.

Following **http://www.icchp.org/accessibility-18** you get information on available services at **ICCHP** 2018.

At **ICCHP Info Desk**, you will get help and support during the whole conference. Please get in touch whenever there is something to be arranged for you! Availability of the info desk can be checked following **http://www.icchp.org/onsite-18**. (available around mid of June, 2018)

Venue

ICCHP 2018 will be organized on the campus of Johannes Kepler University, Linz, Austria.

Johannes Kepler University Linz
Altenbergerstr. 69
4040 Linz
Austria
Web: **http://www.jku.at**
eMail: **icchp(at)jku.at**

Information on the venue and possible accommodation can asap be found following

http://www.icchp.org/onsite-18

Find ICCHP on Google Maps

ICCHP Committees

Scientific, Publishing & Programme Committees

General Chair	Kouroupetroglou, G.	University of Athens	Greece
Publishing Chairs	Miesenberger, K.	Johannes Kepler University Linz	Austria
	Penaz, P.	University of Brno	Czech Republic
Programme Chairs	Archambault, D.	Université Paris 8	France
	Debevc, M.	University of Maribor	Slovenia
	Fels, D.	Ryerson University	Canada
	Kobayashi, M.	Tsukuba University of Technology	Japan
	Manduchi, R.	University of California at Santa Cruz	USA
	Votis, K.	CERTH/ITI	Greece
	Weber, G.	Technische Universität Dresden	Germany
	Zagler, W.	Vienna University of Technology	Austria
Steering Board	Bühler, C.	TU Dortmund University, FTB	Germany
	Burger, D.	INSERM	France
	Murphy, H.J.	California State University Northridge	USA
	Suzuki, M.	Kyushu University	Japan
	Tjoa, A.M.	Technical University of Vienna	Austria
	Wagner, R.	University of Linz	Austria
Young Researchers´ Consortium	Archambault, D.	Université Paris 8	France
	Fels, D.	Ryerson University	Canada
	Fitzpatrick, D.	Dublin City University	Ireland
	Kobayashi, M.	Tsukuba University of Technology	Japan
	Lam, S.	Project:Possibility	USA
	Morandell, M.	Johannes Kepler University Linz	Austria
	Pontelli, E.	New Mexico State University	USA
	Prazak-Aram, B.	Universit of Vienna	Austria
	Weber, G.	Technische Universität Dresden	Germany
	Zimmermann, G.	Stuttgart Media University	Germany
Workshop Chairs	Pühretmair, F.	KI-I	Austria
	Petz, A.	University of Linz	Austria
Programme Committee	Abascal, J	Euskal Herriko Unibertsitatea	Spain
	Abbott, C.	King's College London	United Kingdom
	Abou-Zahra, S.	W3C Web Accessibility Initiative (WAI)	Austria
	Abu Doush, I.	American university of Kuwait	Kuwait
	Andrich, R.	Polo Tecnologico Fondazione Don Carlo Gnocchi Onlus	Italy
	Augustain, M.	University of Applied Sciences Upper Austria	Austria
	Azevedo, L.	Instituto Superior Tecnico	Portugal
	Barroso, J.	University of Trás-os-Montes e Alto Douro	Portugal
	Batusic, M.	Fabasoft	Austria
	Bernareggi, C.	Universita degli Studi di Milano	Italy
	Bernier, A.	BrailleNet	France
	Bosse, I.	Technische Universität Dortmund	Germany
	Bu, J.	Zhejiang University	China
	Chen, W.	Oslo and Akershus University College of Applied Sciences	Norway
	Christensen, L. B.	Sensus	Denmark
	Chutimaskul, W.	King Mongkut`s University of Technology Thonburi	Thailand
	Conway, V.	WebKeyIT	Australia
	Coughlan. J.	Smith-Kettlewell Eye Research Institute	USA
	Craddock, G.	Centre for Excellence in Universal Design	Ireland

Crombie, D.	Utrecht School of the Arts	The Netherlands
Cudd, P.	University of Sheffield	United Kingdom
Darvishy, A.	Züricher Hochschule für Angewandte Wissenschaften	Switzerland
Darzentas, J.	University of Aegean	Greece
Debeljak, M.	University of Ljubljana	Slovenia
DeRuyter, F.	Duke University Medical Centre	USA
Diaz del Campo, R.	Antarq Tecnosoluciones	Mexico
Draffan, E.A.	University of Southampton	United Kingdom
Dupire, J.	CNAM	France
Emiliani, P.L.	Institute of Applied Physics "Nello Carrara"	Italy
Engelen, J.	Katholieke Universiteit Leuven	Belgium
Galinski, Ch.	InfoTerm	Austria
Gardner, J.	Oregon State University	USA
Hakkinen, M.T.	Educational Testing Service (ETS)	USA
Hanson, V.	University of Dundee	United Kingdom
Harper, S.	University of Manchester	United Kingdom
Heimgärtner, R.	Intercultural User Interface Consulting (IUIC)	Germany
Höckner, K.	Hilfgemeinschaft der Blinden und Sehschwachen	Austria
Hoogerwerf, E.-J.	AIAS Bologna	Italy
Huenerfauth, M.	Rochester Institute of Technology	USA
Inoue, T.	National Rehabilitation Center for Persons with Disabilities	Japan
Iversen, C. M.	U.S. Department of State (retired)	USA
Kalinnikova, L.	University of Gävle	Sweden
Kanyandago, P.	Uganda Martyrs University	Uganda
Klaus, T.	University of Paderborn	Germany
Koumpis, A.	University of Passau	Germany
Kouropetroglou, Ch.	ALTEC	Greece
Kozuh, I.	University of Maribor	Slovenia
Kremser, W.	OCG, HSM	Austria
Küng, J.	Johannes Kepler University Linz	Austria
Leblois, A.	G3ict	USA
Lewis, C.	University of Colorado at Boulder	USA
Lhotska, L.	Czech Technical University in Prague	Czech Republic
Magnusson, M.	Moscow State University	Russia
Matausch, K.	KI-I	Austria
Mavrou, K.	European University Cyprus	Cyprus
Mayer, Ch.	AIT Austrian Institute of Technolog GmbH	Austria
McSorley, J.	Pearson	USA
Mihailidis, A.	University of Toronto	Canada
Mohamad, Y.	Fraunhofer Institute for Applied Information Technology	Germany
Mrochen, I.	University of Silesia in Katowice	Poland
Muratet, M.	INS HEA	France
Müller-Putz, G.	TU Graz	Austria
Normie, L.	GeronTech-Israeli Center for Assistive Technology & Aging	Israel
Nussbaum, G.	KI-I	Austria
Ono, T.	Tsukuba University of Technology	Japan
Oswal, S.	University of Washington	USA
Paciello, M.	The Paciello Group	USA
Panek, P.	Vienna University of Technology	Austria
Paredes, H.	University of Trás-os-Montes e Alto Douro	Portugal
Parson, S.	University of Southampton	United Kingdom
Petrie, H.	University of York	United Kingdom
Rassmus-Groehn, K.	Lund University	Sweden
Rice, D.	National Disability Authority	Ireland
Sax, C.	San Diego State University	USA
Seeman, L.	Athena ICT	Israel
Sik Lányi, C.	University of Pannonia	Hungary

Simsik, D.	University of Kosice	Slovakia
Slavik, P.	Czech Technical University in Prague	Czech Republic
Sloan, D.	The Paciello Group	United Kingdom
Snaprud, M.	University of Agder	Norway
Sporka, A.	Czech Technical University in Prague	Czech Republic
Stepankova, O.	Czech Technical University in Prag	Czech Republic
Stephanidis, C.	University of Crete, FORTH-ICS	Greece
Stiefelhagen, R.	Karlsruhe Institut of Technology	Germany
Stoeger, B.	University of Linz	Austria
Takahashi, Y.	Toyo University	Japan
Tauber, M.	University of Paderborn	Germany
Teixeira, A.	Universidade de Aveiro	Portugal
Teshima, Y.	Chiba Institute of Technology	Japan
Truck, I	Université Paris 8	France
Velleman, E.	The Accessibility Foundation	The Netherlands
Vigo, M.	University of Manchester	United Kingdom
Vigouroux, N.	IRIT Toulouse	France
Wada, C.	Kyushu Institute of Technology	Japan
Wagner, G.	Upper Austria University of Applied Sciences	Austria
Watanabe, T.	University of Niigata	Japan
Weber, H.	ITA, University of Kaiserslautern	Germany
White, J	Educational Testing Service (ETS)	USA
Yamaguchi, K.	Nihon University	Japan
Yeliz, Y.	Middle East Technical University	Cyprus

Organization Committee

Austrian Computer Society

Seyruck, Wilfried (President)

Bieber, Ronald (CEO)

Kremser, W. (Working Group ICT with/for People with Disabilities)

Institute Integriert Studieren, JKU Linz, Austria

Feichtenschlager, Priska

Haider, Silke

Heumader, Peter

Koutny, Reinhard

Miesenberger, Klaus

Murillo Morales, Tomás

Petz, Andrea

Schult, Christian

Masaryk University Brno (ULD)

Penáz, Petr

Pavlíček, Radek

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Glossary of ICCHP Topics

The following, non-exhaustive list of topics outlines the scope of ICCHP:

(e)Accessibility addresses overcoming or proactive avoiding barriers for people with disabilities in the information society, e.g. Web, Software, Document, Communication and Conversation, Consumer Electronics (e.g. iDTV accessibility) and Built Environment Accessibility; besides aspects like guidelines, standards, techniques and tools for development, evaluation and repair, it gives a particular focus on how to include accessibility into the engineering process.

(e)Ageing and Gerontechnology discusses systems and tools helping to maintain autonomy and independence when ageing. How such systems can be designed for persons who are not familiar with technologies is part of this topic, too.

Ambient and Assisted Living (AAL), Internet of Things and Sensor Technology outlines the potential, accessibility and usability of the fast growing application of embedded, smart and pervasive systems for people with disabilities by integrating, enhancing and supporting the interaction via the standardized ICT/HCI/AT experience.

Assessment and Profiling calls for research on methodologies, concepts and techniques for evaluating capabilities and needs of individuals and how to translate them into computable profiles. This should allow better matching of persons and technology.

Assistive Technology (AT) focuses on innovation and advancing the quality and availability of assistive devices aiming at overcoming or compensating functional limitations and its impact. This includes contributions of mainstream technology showing potential for supporting people with disabilities, special Rehabilitation Technology and Biomedical Engineering.

Augmented and Alternative Communication (AAC) intends to progress methods and tools for people with problems in spoken and written communication.

Cloud Computing analyzes the potential of shared and configurable Internet based resources for enhanced AT and services as well as the challenges for eAccessibility.

Design for All (Universal Design) highlights the proactive application of principles, methods and tools to meet the requirements of the biggest possible user group including those with disabilities in fields like e.g. architecture, transport, housing, public buildings, work place, information, education.

eGovernment and eDemocracy discuss eAccessibility of ICT and Internet based public services for all citizens.

eHealth - Medicine and Care encourages synergetic aspects of ICT/AT for diagnostics, care, therapy, training and rehabilitation.

eInclusion, Policies and Legislation outline programmes, legal contexts and funding opportunities aiming at a better exploitation of ICT, AT and eAccessibility for inclusion.

eLearning and education illustrate new dimensions opened by ICT/AT for didactic and methodological settings and the changing role for learners, teachers and administrators; it addresses education of people with disabilities in all is aspects, education of service providers and professionals as well as the inclusion of eAccessibility into mainstream education.

HCI and Non Classical Interfaces explore the potential of emerging Human-Computer Interaction developments like sensor based interaction, Brain-Computer Interaction (BCI), gesture interaction, natural language interfaces, tangible interfaces, game based interfaces, computer vision, virtual and augmented environments, wearable computing, adaptive interfaces, mobile and touch technology, multimedia, multi- or a-Modal interaction.

History in AT and eInclusion gives a tribute to the founders of our discipline and aims at avoiding to reinvent the wheel.

Labour Market Integration discusses how to ameliorate the career opportunities of people with disabilities by using ICT/AT and making the work place accessible and how to better qualify users and professionals.

Social Innovation and (e)Service Delivery covers all aspects (human, economic, organizational and management) involved in implementing concrete services. ICCHP discusses ideas and concepts of social innovation, e.g. user driven and crowd-sourcing approaches and the potential of ICT /AT and eAccessibility. This includes presentation and discussion of examples, empirical studies, quality measures and interdisciplinary aspects of a holistic service provision.

Usability and Ergonomics focus on day to day use of (accessible) ICT/HCI/AT based systems and services and their efficiency, effectiveness, memorability, flexibility, joy ... of use for people with disabilities and their environment.

User Centered Design and User Participation underline the importance of involving end users at eye level in all steps of R&D towards application and present strategies, methods and experiences for a more user driven R&D practice.