July 11 – 15, 2022

Politecnico di Milano
Polo Territoriale di Lecco
23900 Lecco (LC) - Italy
https://icchp-aaate.org

ICCHP – AAATE Joint Conference

Call for Contributions

Key Dates and Contribution Deadlines

https://icchp-aaate.org/key-dates-22

Science and Research Contributions (LNCS)

Deadline for proposing Special Thematic Sessions (STS)	January 16, 2022
Deadline for camera-ready version of STS Introduction	April 3, 2022
Deadline for Extended Abstracts	February 6, 2022
Deadline for reviews	February 27, 2022
Notification of acceptance	March 6, 2022
Deadline for camera-ready papers and speaker registration	April 3, 2022

Science and Research Contributions (Open Access Compendium)

Deadline for Extended Abstracts	March 3, 2022
Deadline for reviews	March 20, 2022
Notification of acceptance	March 23, 2022
Deadline for camera-ready papers and speaker registration	May 1, 2022

Contributions to the Inclusion Forum:
- Posters, Workshops, Tutorials, Seminars, and Panel Discussions;
- Exhibition: Product, Projects, Services, Organizations
- Meetings

Deadline for Proposals (limited, first come principle)	June 1, 2022

Contributions to the Young Researchers' Consortium

Deadline for submissions to the Young Researchers´ Consortium	May 1, 2022
Notification of Acceptance Young Researchers´ Consortium	June 1, 2022

Awards

Deadline for Nominations for the ICCHP OCG Roland Wagner Award	June 15, 2022
Deadline for Nominations for the AAATE Award	June 15, 2022

Preliminary Program	April 15, 2022
Early Registration Deadline	May 15, 2022
Conference	July 11-15, 2022

Contents

Welcome from the conference chairs

Welcome to the first ICCHP-AAATE Joint International Conference on Digital Inclusion, Assistive Technology and Accessibility!

We are excited to join forces and propose a new venue for researchers and practitioners in assistive and access technologies, to showcase their work and mingle together.

After almost two years of living through a pandemic, during which AAATE 2021 had to be canceled and ICCHP 2020 was held online, we have decided that our best way forward is to merge our bi-annual meetings for 2022. This will provide a single platform for exchanging ideas, stimulating conversation, and facilitating networking.

The ICCHP-AAATE joint conference is open to everyone interested in new and original ways to put technology at the service of people living with a disability. It fosters the creation of tools, systems and services that are accessible by design, and that can level the playing field for a world where everyone can enjoy equal opportunities. It is based on the belief that technology can contribute to breaking barriers and empowering people.

By bringing the AAATE and ICCHP communities together, this joint conference will explore the common threads linking policy, practice, research and advocacy for people living with disabilities, working together towards a more equitable, just, and participatory future.

There are multiple options for contributing to the conference: Scientific contributions will undergo a rigorous peer review process for publication in the Springer Lecture Notes in Computer Science (LNCS), in the open access compendium "Assistive Technology, Accessibility and (e)Inclusion", or in the Technology and Disability Journal (Special Issue). Inclusion Forum contributions (workshops, tutorials, seminars, posters and panel discussions) will provide an opportunity for discussion and participation. Within the Forum, the Inclusion Fair is the place for showcasing projects, products, and services. The Young Researchers' Consortium encourages students to present their work in a welcoming environment.

Looking forward to welcoming you all to Lecco, Italy soon...
Come join us!

Katerina Mavrou
President AAATE
European University Cyprus
Conference Chair

Roberto Manduchi
Dept. of Computer Science and Engineering
University of California, Santa Cruz, USA
Scientific Chair

Call for Contributions

The Joint Conference of AAATE and ICCHP focuses on Assistive Technology (AT), Accessibility and Accessible ICT (eAccessibility) as well as social, economic and political Inclusion/Participation of people with disabilities and older people. The conference highlights the role of technology for independent living, participation and inclusion and improved services and support. By its nature, the conference is concerned with a wide range of topics in interdisciplinary research, product and service development, practice, legislation, economics and policy in evolving and fast advancing disciplines and related fields.

The conference is open to all visionary ideas and future oriented thoughts supporting our mission, from all over the globe

A glossary of topics related to the conference is provided at the end of this Call and online: https://icchp-aaate.org/topics-22.

We are looking forward to welcoming your contribution to the following parts of the conference:

1. **Science, Research and Engineering Contributions:** *scientific papers* which will be peer-reviewed by the Scientific Committee for presentation at the conference and publication.

For Science, Research and Engineering contributions we invite experts to organize **Special Thematic Sessions (STS)** for comprehensive and focused discussions in specific domains.

2. **Inclusion Forum Contributions**: Contributions presented in different possible formats which will be reviewed and selected by the Program Committee:
   - Workshops, seminars, tutorials and educational sessions with you as facilitator/conductor/teacher
   - Panel discussions and/or consensus building sessions guided by yourself and your colleagues
   - Project exhibitions and demonstrations
   - Product and service exhibitions and presentations
   - Meetings in open or closed (invited only) format

3. **Young Researchers' Consortium Contributions**, which are peer reviewed by our Young Researchers Committee. Young researchers are also encouraged to submit a paper for publication in LNCS or in our Open Access Compendium.

ICCHP-AAATE provides the following publishing options for contributors:
   A. **Springer Science, Research and Engineering Proceedings** (Springer Lecture Notes in Computer Science series - LNCS)
   B. **Open Access Compendium "Assistive Technology, Accessibility and (e)Inclusion"**

PLEASE NOTE:
- These two publication options have different target readers and deadlines for the submission of abstracts and camera-ready papers.
  More information can be found further in this document.
- Scientific Contributions (submitted in option 1) accepted for publication and presentation at the conference qualify to submit an elaborated and extended version of their work to a **Special Issue of the AAATE Journal "Technology & Disability"** dedicated to ICCHP-AAATE contributions. Details will be published on the ICCHP-AAATE web page and on the Journal page.
- In addition, a **Book of Abstracts** will collect abstracts of all contributions to the conference. It will provide a comprehensive guide through the program, an overview to the activities in the field and an efficient means for dissemination and information.

COME AND GET INVOLVED!

1) Science, Research and Engineering Contributions

https://icchp-aaate.org/science-22

Based on the topic and nature of your paper you have two different publication options. Please be aware of their topical focus and, due to their publication policies, their different formats, deadlines and target audience. The review process by the Scientific Committee of the conference is the same for both formats.

A) Springer Science, Research and Engineering Proceedings

The conference invites interested participants to publish original science, research and engineering work related to Assistive Technology, eAccessibility and eInclusion in the Springer Lecture Notes in Computer Science (LNCS) proceedings. LNCS aims at scientific excellence and selects papers in a two steps peer-review process (acceptance rate ~60%). 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

Registration to the conference by at least one author per paper is mandatory!
For two or more papers by the same author, an additional paper fee applies.

Key Info:

Step one: Well-detailed extended abstracts of original, unpublished work
- 3 – 5 pages
- Guidelines: https://icchp-aaate.org/submissions-22
- Deadline: February 6, **2022**
- Reviewed by 3 experts
- Notification of Acceptance: **March 6, 2022**

Step two: Camera Ready version of accepted papers
- 6 - 8 pages in camera ready LNCS format (including pictures and references)
- Additional pages (up to a max of 12 pages per paper) may be purchased – additional fees apply!
- Guidelines: https://www.springer.com/de/it-informatik/lncs/conference-proceedings-guidelines
- Deadline: **April 3, 2022**

Step three: Presentation at the conference (timeslots of approximately 20 minutes including discussion)

Open Access (OA) Policy:

Springer offers the option of making your publication open access. Please check https://www.springer.com/gp/computer-science/lncs/open-access-publishing-in-computer-proceedings.
Authors must indicate their intention to publish Open Access during upload – for each camera-ready paper.
The open access fee will be directly invoiced by Springer and/or its associates once the digital OA publication is ready.

B)   Open Access Compendium
"Assistive Technology, Accessibility & (e)Inclusion"

The conference invites interested participants to publish their work in the digital edition of the **Open Access Compendium "Assistive Technology, Accessibility and (e)Inclusion"**.

In the open access compendium, you can publish original basic and applied scientific R&D papers from diverse fields. The compendium aims to provide from an interdisciplinary and cross-sector perspective a good overview of advancements into the user-, practice- and service-driven domains of AT, Accessibility and Inclusion (please refer to the list of topics at the end of the Call).

Progress and success are based on the interaction with, contribution by and participation of all stakeholder groups (e.g. users, end user organizations, service providers, policy, administration, industry, NGOs). Every voice counts in the exchange on the impact of R&D on practice and in domains in need of creative and innovative R&D and co-operation. Exchange and co-operation between practice and R&D is a key asset for technical and social innovation.

We invite interested authors coming from diverse domains and disciplines to submit extended abstracts of research work, but also more practice-oriented concept papers, models, reports, and position papers on topics related to our field. The compendium will also include contributions from the Forum part of the program (see below). These contributions will support a creative and innovative program facilitating cross-sector and cross-stakeholder interaction and dissemination.

Registration to the conference by at least one author per contribution is mandatory!

Key info:

Step one: Abstracts of original, unpublished work
- 1 – 3 pages
- Guidelines: https://icchp-aaate.org/submissions-22
- Deadline: **March 3, 2022**
- Notification of Acceptance: **March 23, 2022**

Step two: Final version and publication in the digital edition of our Conference Open Access Compendium "Assistive Technology, Accessibility and (e)Inclusion"
- 2 – 8 pages
- Guidelines: https://icchp-aaate.org/submissions-22
- Deadline camera ready version: **May 1, 2022**

Step three: Presentation at the conference (timeslots of approximately 20 minutes including discussion)

C) Special Thematic Sessions

ICCHP-AAATE invites leading experts to organize Special Thematic Sessions (STS) to present a focused, detailed and comprehensive view to specifically defined topics of particular interest. STS therefore welcome both LNCS and Open Access Compendium contributions. This facilitates a broader view, interdisciplinary and cross-stakeholder discussion/exchange.

STS Chairs advertise the session in their own communities and networks. ICCHP-AAATE announces STSs on its web page and allows contributors to select an STS for their paper(s) during the submission process. Special thematic sessions must be proposed by **January 16, 2022**.

The Review Committee will evaluate proposals of STSs and negotiate in case of overlapping proposals. The inclusion of an STS in the final program requires a minimum of four accepted papers. Four papers is the minimum for opening a chapter in one of the proceedings. STS Chair(s) are invited to prepare and publish an introductory paper to the STS in the proceedings (6 - 8 pages in camera ready LNCS or Open Access Compendium format). The deadline for the STS introductions is **April 3, 2022**.
More information at: https://icchp-aaate.org/sts-22

Special Thematic Session on Universal Learning Design

We are proud to again cooperate with the Teiresias Support Centre of Masaryk University Brno, Czech Republic, in organizing the Special Thematic Session on Universal Learning Design (ULD). This STS puts particular emphasis on inclusive learning and teaching environments and provides a platform for interdisciplinary discussion. Additionally, the ULD session will include selected contributions submitted to and published in the digital edition of our open access compendium "Assistive Technology, Accessibility and (e)Inclusion".

2) Inclusion Forum Contributions

https://icchp-aaate.org/forum-22

ICCHP-AAATE strives to strengthen dialogue, exchange and cooperation between stakeholder groups in the field of Technology and Disability (e.g. end users and their organizations, service providers, educators, policy makers, administrators, R&D). Our Forum is the ideal place for such a dialogue, to showcase your projects, products, services, organizations, posters and for disseminating, communicating and demonstrating your work, experience, know-how and ideas to the diverse but comprehensive audience. Learning from each other is a key asset for technical and social innovation - your contribution counts!

ICCHP-AAATE therefore calls for organizing activities supporting and strengthening community building using formats as:
- Workshops, Seminars & Tutorials,
- Panel discussions,
- Educational sessions and
- Other types of meetings

Additionally, at the inclusion fair, we support the showcasing and an exhibition of
- Projects,
- Products & Services as well as
- Posters

Feel invited to consider and propose also new and innovative formats for exchange and cooperation. We are more than happy to support you!

ICCHP-AAATE will promote, disseminate and advertise activities before and during the conference. We invite you to display and disseminate information materials to support visibility of your valuable work.

Registration to the conference is mandatory to announce and run Forum activities!

We are happy to welcome participants attending only your Forum activity (not registering for the conference). In such cases an additional participation and handling fee will be assessed.

Forum activities will be supported by the organizing committee on a first come - first serve basis. The conference provides basic facilities like rooms and Wi-Fi for free. Basic showcasing facilities (posters wall, tables, chairs and power supply) will be made available. Other amenities and services (e.g. sound system, video projection or catering) are provided upon negotiation with and confirmation by the conference organizers. They will be invoiced on a self-cost basis. Get in touch as soon as possible!

Key info:
- Send your activity proposal by email to office(at)icchp-aaate.org. (Subject "ICCHP-AAATE Forum")
- Provide an outline of your Forum activity following the guidelines at
  https://icchp-aaate.org/submissions-22
- Deadline: **June 1, 2022**. Proposals will be evaluated on a first come – first serve basis.
- Consider to publish your valuable activity and know-how with our Open access compendium "Assistive Technology, Accessibility and (e)Inclusion" and refer to the descriptions given above (Deadline **March 3, 2022** for extended abstracts)

Young Researchers' Consortium

https://icchp-aaate.org/yrc-22

Next Generation AT and Accessibility Experts

The Young Researchers´ Consortium event will take place during the joint event. We encourage academic and industrial advisors of doctoral students in AT, eInclusion, Digital Inclusion and related fields to motivate and support outstanding students to participate in the Consortium. The top-rated contributions will be presented in a plenary session.

Costs for participation and accommodation in a student hostel (5 nights) for up to 10 Young Researchers with accepted contributions will be covered.

Key Info:

Interested students are asked to submit extended abstracts of their work by **May 1, 2022**.

Please see https://icchp-aaate.org/yrc-22 for more information.

PLEASE NOTE:

Young Researchers are encouraged to **additionally submit a paper** to the Science Track. Please follow the instructions under "1) Science, Research and Engineering Contributions".

The submission deadlines applying for these additional publication opportunities are the same as for the main conference event (see https://www.icchp-aaate.org/key-dates-22 for keydates and https://www.icchp-aaate.org/calls-22 for the procedures).

Call for Cooperation and Sponsors

ICCHP-AAATE 2022 offers great opportunities at all levels: for networking, for dissemination of project outcomes, for entering into dialogue with other consortiums and international players, for creating visibility for your products or services, or simply for realizing your mission and contributing to advancing the inclusion of persons with disabilities.

If this is of interest to your organization, consider getting involved and have your name and brand connected to this event.

There are different ways in which your organization can participate in the conference. The main ones are:

1. Applying for the status of a **Co-Operating Organization**
2. Becoming an official **Sponsor**
3. Becoming a national or international **Partner Organization**

Co-Operating Organizations are membership organizations or project consortiums that contribute to the success of the conference. They commit to do either one or both of the following activities:

- Promote the call for contributions on their websites, newsletters and during their events.
- Propose and coordinate one or more special thematic sessions, policy sessions, workshops or educational sessions.

In return the members of cooperating organizations will have the right to access the conference against the reduced fee, while the name and logo of the cooperating organizations will be reproduced on the conference website and program.

Cooperating organizations will sign a letter of commitment, including the commitment to cooperate with the organization in checking that their members applying for the reduced fee are actual members.

Sponsors of the conference are organizations, including companies, that contribute financially to the conference. Sponsors can either directly pay invoices related to the conference or donate sums of money to the international organization committee. The minimum contribution in order to be acknowledged as a sponsor is Euro 5.000.

Sponsors will have their logos reproduced on the conference website and will have the possibility to expose a "roll up" banner at the conference venue. Sponsors donating more than 15.000 euro will receive a special recognition during the event in a form and moment to be agreed.

Sponsors will have one free access to the conference, including the social events, for each 5.000 Euro they donate.

Sponsors will have the possibility to register up to 6 participants (business contacts, employees, board members, etc.) against a 40% discount on the full registration fee.

These registrations will have to come in the form of "block bookings".

Partner Organizations are partnering organizations from Italy or abroad that cooperate with the host in the organization of the conference. Typically, they have a specific interest in this field and are willing to support the organization of one or more aspects of the conference, for example taking care of accessibility services, art work, video documentation, transportation, social program, media coverage, etc.

For each contribution in kind of the value of 3.000 euro, agreed upon with the organizing committee, they will have one free registration. On top of that, each 5th registration coming from the same partner will be for free. Partner organizations will further be mentioned on the website and in the conference program.

In case you consider one of these opportunities, contact office(at)icchp-aaate.org with keyword "Cooperate".

ICCHP Award

The Austrian Computer Society announces the biannual Roland Wagner Award on Computers Helping People with Special Needs in the amount of € 3000. The Austrian Computer Society decided in September 2001 to endow the **ICCHP Roland Wagner Award** in honor of **Prof. Dr. Roland Wagner**, the founder of ICCHP and one of the pioneers establishing AT and Accessibility as domains in Computer Science.

ICCHP awards outstanding individuals, organizations, projects, services, products, ideas, ... showing an impressive impact on the lives of people with disabilities. The ICCHP community is invited to propose candidates for the award.

The nomination committee selects the award winner. Awardees are announced during the conferences.

Please submit nominations for the Award by email to office(at)icchp-aaate.org by **June 17, 2022**.
Details at: https://icchp-aaate.org/award-22

Former Awardees

Award 10	Jan Engelen, Catholic University of Leuven
Award 9	NVDA, Michael Curran & James Teh
Award 8	Dominique Burger, BrailleNet, Inserm, France
Award 7	Shared Award: Masakazu Suzuki (Kyushu University), Japan Art Karshmer (University of San Francisco), USA
Award 6	The TRACE Center, USA / Gregg Vanderheiden
Award 5	Shared Award: 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

AAATE Diamond Award

The "AAATE diamond-award" is a personal recognition, granted for outstanding work in advancing assistive technology in Europe, within or outside the Association, at international or national level. The award is granted by the board. All AAATE members can nominate individuals for the award by sending a motivated request to the president by **June 17th, 2022**. For a list of Diamond Award Holders, see: https://aaate.net/about-aaate/honourable-members-and-aaate-award-holders/

Best Paper Award

In line with the tradition of AAATE, also during the 2022 conference a number of Best Paper Awards will be assigned to well written papers of highly scientific value.

Organizational Details A – Z

https://icchp-aaate.org/terms-22

Cancellation Policy

Cancellations **on or before June 1, 2022** are charged a **handling fee of €100 (excl. VAT)**.

For **publishing authors or** for cancellations **after June 1, 2022**, **no refund** can be made - the date of receipt shall be used to determine whether a refund can be made.

No-Shows without cancellation will be invoiced the full registration fee, delegates may appoint a substitute at any time without additional cost.

All cancellation and change requests must be submitted in written form – with indication of full name, invoice number and bank details for reimbursement – to: office(at)icchp-aaate.org.

Official Language

We appreciate the extensive participation of the international community in this conference.
The official language of the conference is English.

Conference Fees

All fees include coffee breaks and Welcome / Farewell reception! All rates are **excl. 22% VAT**.

Category	Rate in € (excl. 22% VAT)	Lunch	Info, Deadline
Author´s Fee	500	included	April 3, 2022
Additional LNCS paper	250	-	Rate per add. paper
Additional LNCS page	60	-	Rate per add. page
Early Bird Fee	500	included	May 15, 2022
Standard Fee	550	included	July 7, 2022
On-site Fee	600	included	On-site
One-Day Fee	275	included*	*Lunch of the specific day
Discount (cooperating organizations and members of the organizers)	- 60 €, upon verification during registration		
Discount (Students[1], Retirees[2], Delegates from Non-High-Income Economies[3])	- 350 €, upon verification during registration		
Personal Assistants	Get in touch!		

---

[1] Full time students of Bachelor and Master study courses, not available for One-Day Fee
[2] Full time retirees, not available for One-Day Fee
[3] Refer to Worldbank Classification (https://datahelpdesk.worldbank.org/knowledgebase/articles/906519-world-bank-country-and-lending-groups), not available for One-Day-Fee

Cultural and Social Events

We are committed to extending the concept of open inclusive society to the real world. Culture and art are powerful vehicles to support a change in awareness, understanding and attitudes regarding inclusion and participation in society. We invite you to a sociable Welcome Cocktail, a comforting Social Dinner and a communicative, networking Farewell Party. More at: https://icchp-aaate.org/social-events-22

Registration

The online registration form is available at: https://icchp-aaate.org/user/register

Accessibility

We are committed to accommodating people with diverse needs and abilities.

In order to arrange for services for your individual situation, please contact us as soon as possible at office(at)icchp-aaate.org. Please make sure to let us know about your specific needs by the time of conference registration.

Information on available services at the event 2022 can be found at

https://icchp-aaate.org/accessibility-22.

Help and support is available at the Info Desk during the whole conference.

Please contact us for any needs and requests.

Info Desk services can be accessed online at https://icchp-aaate.org/on-site-22.

(available around **mid of June, 2022**)

Venue

The joint event 2022 will take place at the premises of
Politecnico di Milano,
Polo Territoriale di Lecco
Via Gaetano Previati 1/c
23900 Lecco LC
Italy

Find it on Google Maps

Information on venue and available accommodation can be found at https://icchp-aaate.org/on-site-22

Committees

Conference Chair

Mavrou, K.	European University Cyprus, AAATE	Cyprus

Scientific Chair

Manduchi, R.	University of California at Santa Cruz	USA

Publication Committee

Covarrubias Rodriguez, M.	Politecnico di Milano	Italy
Kouroupetroglou, G	University of Athens, President AAATE	Greece
Miesenberger, K.	University of Linz, ICCHP	Austria
Penaz, P.	Teiresias, Masaryk University Brno	Czech Republic

Scientific Committee Chairs

Archambault, D.	University Paris 8	France
Buehler, C.	TU Dortmund University	Germany
Coughlan. J.	Smith-Kettlewell Eye Research Institute	USA
Debevc, M.	University of Maribor	Slovenia
Fels, D.	Ryerson University	Canada
Graziosi, S.	Politecnico di Milano	Italy
Kobayashi, M.	Tsukuba University of Technology	Japan
Suzuki, M.	Kyushu University	Japan
Weber, G.	Technische Universitaet Dresden	Germany
Zagler, W.	TETRAGON Braille Systems GmbH	Austria

Young Researchers Committee

Archambault, D.	University Paris 8	France
Caruso, G.	Politecnico di Milano	Italy
Fels, D.	Ryerson University	Canada
Fitzpatrick, D.	National Disability Authority	Ireland
Kobayashi, M.	Tsukuba University of Technology	Japan
Morandell, M.	Smart In Life, Health University of Applied Sciences Tirol	Austria
Pontelli, E.	New Mexico State University	USA
Prazak-Aram, B.	University of Vienna	Austria
Weber, G.	Technische Universitaet Dresden	Germany
Zimmermann, G.	Stuttgart Media University	Germany

Inclusion Forum Committee

Ferrise, F.	Politecnico di Milano	Italy
Hoogerwerf, E.J.	AAATE	Italy
Petz, A.	University of Linz	Austria
Puehretmair, F.	KI-I	Austria

Scientific Committee

Abascal, J	Euskal Herriko Unibertsitatea	Spain
Abbott, C.	King's College London	United Kingdom
Abu Doush, I.	American university of Kuwait	Kuwait
Andrich, R.	Global Assistive Technology Information Network (EASTIN)	Italy
Atkinson, M. T.	The Paciello Group	USA
Augstein, M.	University of Applied Sciences Upper Austria	Austria
Azevedo, L.	Instituto Superior Tecnico	Portugal
Banes, D.	Dave Banes Access	United Kingdom
Barroso, J.	University of Trás-os-Montes e Alto Douro	Portugal
Bernareggi, C.	Universita degli Studi di Milano	Italy
Bernier, A.	BrailleNet	France
Besio, S.	Università degli studi di Bergamo	Italy
Boland, S.	Saint John of God Liffey Services	Ireland
Bonarini, A.	Politecnico Milano	Italy
Bosse, I.	Technische Universitaet Dortmund	Germany
Bu, J.	Zhejiang University	China
Burger, D.	INSERM	France
Chen, W.	Oslo Metropolitan University	Norway
Christensen, L. B.	Sensus	Denmark
Chutimaskul, W.	King Mongkut`s University of Technology Thonburi	Thailand
Craddock, G.	Centre for Excellence in Universal Design	Ireland
Crombie, D.	Utrecht School of the Arts	The Netherlands
Dantas, P.	Universidade Federal do Rio Grande do Norte	Brasil
Daniels. R.	Hogeschool Zuyd	The Netherlands
Darvishy, A.	Zürcher Hochschule fuer Angewandte Wissenschaften	Switzerland
Debeljak, M.	University of Ljubljana	Slovenia
DeRuyter, F.	Duke University Medical Centre	USA
Desideri, L.	AIAS Bologna onlus	Italy
De Witte, L.	University of Sheffield	United Kingdom
Diaz del Campo, R.	Antarq Tecnosoluciones	Mexico
Draffan, E.A.	University of Southampton	United Kingdom
Dupire, J.	CNAM	France
Ebling, S.	University of Zurich	Switzerland
Encarnação, P.	Catolica Lisbon	Portugal
Engelen, J.	Katholieke Universiteit Leuven	Belgium
Fanucci, L.	University of Pisa	Italy
Ferrando, M.	K-veloce I+D+i	Spain
Gherardini, A	AIAS Bologna Onlus	Italy
Galinski, Ch.	InfoTerm	Austria
Gardner, J.	Oregon State University	USA

Gowran, R. J.	University of Limerick	Ireland
Hakkinen, M.T.	Educational Testing Service (ETS)	USA
Hanson, V.	Association of Computing Machinery (ACM)	United Kingdom
Haselwandter, T.	University of Applied Sciences Upper Austria	Austria
Hatzidimitriadou, E.	Canterbury Christ Church University	United Kingdom
Heimgaertner, R.	Intercultural User Interface Consulting (IUIC)	Germany
Hemmingsson, H.	Stockholms University	Sweden
Hill, K.	University of Pittsburgh	USA
Hoeckner, K.	Hilfgemeinschaft der Blinden und Sehschwachen	Austria
Holloway, C.	University College London	United Kingdom
Holone, H.	Oestfold University College	Norway
Inoue, T.	Nat. Rehabilitation Center for Persons with Disabilities	Japan
Iversen, C. M.	U.S. Department of State (retired)	USA
Jaskova, L.	Comenius University of Bratislava	Slovak Republic
Jitngernmadan, P.	Burapha University	Thailand
Kacorri, H.	University of Maryland	USA
Kanto-Ronkanen, A.	Kuopio University Hospital	Finland
Kiswarday, V.	University of Primorska	Slovenia
Koumpis, A.	University of Passau	Germany
Kozuh, I.	University of Maribor	Slovenia
Kueng, J.	Johannes Kepler University Linz	Austria
Kunz, A.	ETH Zuerich	Switzerland
Layton, N.	ARATA	Australia
Leader, G.	National University of Ireland Galway	Irelland
Leblois, A.	G3ict	USA
Lee, S.	W3C Web Accessibility Initiative (WAI)	United Kingdom
Leporini, B.	Italian National Research Council, CNR	Italy
Lewis, C.	University of Colorado at Boulder	USA
Lhotska, L.	Czech Technical University in Prague	Czech Republic
Malavasi, M.	AIAS Bologna	Italy
Mattia, D.	Fondazione Santa Lucia	Italy
Mirri, S.	University of Bologna	Italy
Mohamad, Y.	Fraunhofer Institute for Applied Information Technology	Germany
Moon, I.	Dong-EUI University	Korea
Mrochen, I.	University of Silesia in Katowice	Poland
Muratet, M.	INS HEA	France
Nussbaum, G.	KI-I	Austria
Ono, T.	Tsukuba University of Technology	Japan
Oswal, S.	University of Washington	USA
Paciello, M.	WebAble	USA
Pagliara, S. M.	University of Warwick	UK
Panek, P.	Vienna University of Technology	Austria
Paredes, H.	University of Tras-os-Montes e Alto Douro	Portugal
Petrie, H.	University of York	United Kingdom
Pissaloux, E.	University of Rouen Normandy	France
Rassmus-Groehn, K.	Lund University	Sweden
Raynal, M	University of Toulouse	France

Rea, F.	Italian Institute of Technology	Italy
Sanchez, J.	University of Chile	Chile
Scherer, M.	The Institute for Matching Person & Technology	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 Prag	Czech Republic
Sloan, D.	The Paciello Group	United Kingdom
Starcic, A.	University of Ljubljana	Slovenia
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
Teixeira, A.	Universidade de Aveiro	Portugal
Teshima, Y.	Chiba Institute of Technology	Japan
Tjoa, A.M.	Technical University of Vienna	Austria
Truck, I	University Paris 8	France
Velazquez, R.	Panamerican University	Mexico
Velleman, E.	The Accessibility Foundation	The Netherlands
Vigo, M.	University of Manchester	United Kingdom
Vigouroux, N.	IRIT Toulouse	France
Votis, K.	CERTH/ITI	Greece
Wada, C.	Kyushu Institute of Technology	Japan
Waszkielwicz, A.	Foundation for Persons with Disabilities (FRONia)	Poland
Watanabe, T.	University of Niigata	Japan
Weber, H.	ITA, University of Kaiserslautern	Germany
White, Jason J	Educational Testing Service (ETS)	USA
Yamaguchi, K.	Nihon University	Japan
Yeliz, Y.	Middle East Technical University	Cyprus
Zapf, S.	Rocky Mountain University	USA

Organization Committee

AAATE

Archambault, Dominique
Hoogerwerf, Evert-Jan
Kouroupetroglou, Georgios
Lobnig, Sabine
Mavrou, Katerina

Politecnico di Milano, Italy

Polo Territoriale di Lecco

Ayala Castillo, Carla Marìa
Brunetti, Valentina
Caruso, Giandomenico
Covarrubias Rodriguez, Mario
Ferrise, Francesco
Graziosi, Serena
Perego, Paolo

Masaryk University, Teiresias, Brno, Czech Republic

Teiresias Service and Support Centre

Bukovský, Tomáš
Cincibus, Zbyněk
Letocha, Jiří
Ondra, Svatoslav
Pavlíček, Radek
Peňáz, Petr

Austrian Computer Society, Austria

Seyruck, Wilfried
Bieber, Ronald

JKU Linz, Austria

Institute Integriert Studieren

Feichtenschlager, Priska
Heumader, Peter
Koutny, Reinhard
Miesenberger, Klaus
Murillo Morales, Tomás
Petz, Andrea
Salinas López, Valentin
Schult, Christian
Verma, Aashish
Walchhofer, Othmar

Conference Office

Glossary of Topics

https://icchp-aaate.org/topics-22

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

(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 people 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 (IoT) 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.

Artificial Intelligence and Autonomous Systems invite to consider Assistive Technologies and user-centered solutions for self-determined user interaction, robotics, efficient and effective service provision in all domains as accessibility, communication and translation (incl. sign/symbol languages and AAC), independent living, sheltered and inclusive work, orientation and mobility, safety and security, learning and education, personalization, health and well-being and inclusive R&D/design.

Assessment, Profiling and Personalization 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. IT looks into the use of alternative abilities and skills to overcome / compensate for functional limitations related to vision, hearing, motor, mobility, cognition and chronical illness.

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, eCare, Digital Health - discuss the impact of technology on person-centred health and social care and support services, synergetic aspects of ICT/AT and Accessibility for diagnostics, integrated care, therapy, training and rehabilitation.

eInclusion, Economics, Policies and Legislation outline program, legal contexts and funding opportunities aiming at a better exploitation of ICT, AT and eAccessibility for inclusion. It calls for empirical studies and comparative analysis on the state of the art for developing and executing user driven programs.

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.

Ethics, Safety, Security, Vulnerability, Gender Aspects and Bias of using ICT/AT by people with disabilities, in particular related to the challenges of AI Fairness.

Global Co-Operation in removing barriers to access assistive technology, the role of international organizations.

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 (VR/AR), 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 Inclusion 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. The success story of many of the user groups invite to reach out and facilitate inclusive R&D for all user groups.