

ASSETS 2022

The 24th International ACM SIGACCESS
Conference on Computers and Accessibility

📍 Athens, Greece

📅 Oct 23-26

ASSETS'22 DAY 1

Athens, Greece



jonfroehlich (he/him) Today at 1:23 PM

Wonderful ASSETS'22 attendees, it is my pleasure to announce the posting of Haben Girma's Opening Keynote (fully captioned): <https://youtu.be/q2qv-TYcLal>. This video is unlisted and is only for paid ASSETS'22 registrants (virtual and in-person) (edited)

YouTube

ACM SIGACCESS

ASSETS'22 Haben Girma Opening Keynote in Athens, Greece





ASSETS'22 DAY 1

Posters & Demos



ASSETS'22 DAY 1

Virtual Land

VIRTUAL
TRIVIA
NIGHT



DAY 2 SUMMARY

DISTINGUISHED GUESTS

Monday



Georgios Kouroupetroglou

President, Advancement of Assistive
Technology in Europe; Prof, NKUA



Haben Girma

Human rights lawyer advancing
disability justice

Tuesday



Yannis Ioannidis

President, ACM
Professor, NKUA



Clayton Lewis

Professor Emeritus, U. of Colorado
SIGACCESS Outstanding Contribution

ASSETS'22 DAY 2

Talks



ASSETS'22 DAY 2

Poster Session



ASSETS'22 DAY 2

Townhall



Join SIGACCESS!



ACCESS

Special Interest Group on Accessible Computing



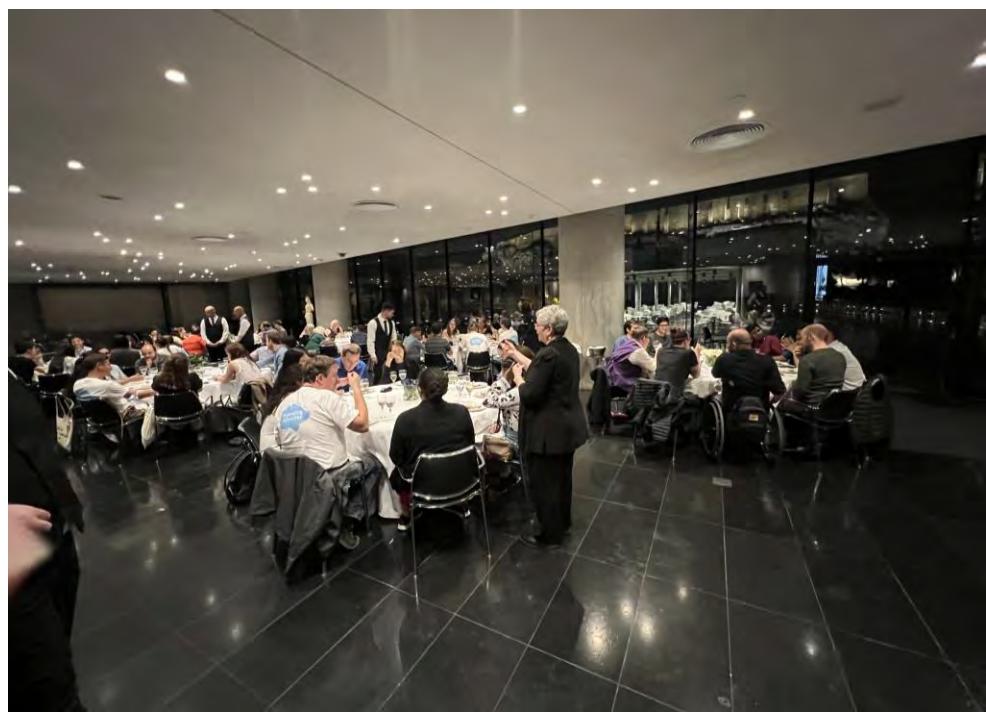
ASSETS'22 DAY 2

Acropolis Museum



ASSETS'22 DAY 2

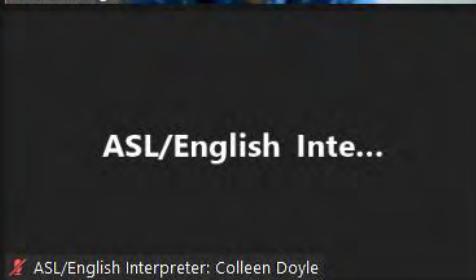
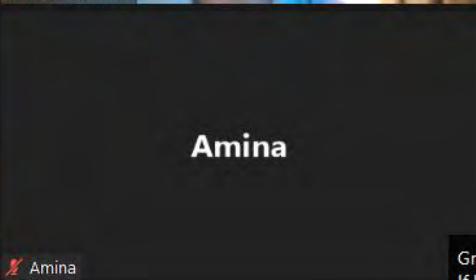
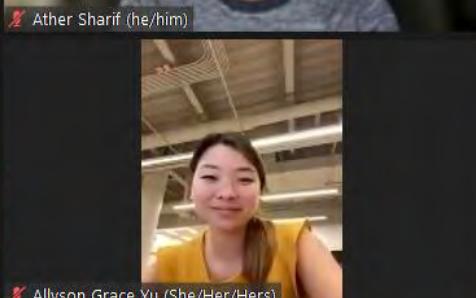
Acropolis Cafe





ASSETS'22 DAY 2

Virtual Roundtable



Amina

Captioner - Kell...

ASL/English Inte...

Sarah Coppola

Amina

Great, really quickly, before we share it, is everybody good.
If I take a phone now, every right? right?

Interpreter - Sarah Blattberg (she/her/hers)

ASL/English Interpreter: Colleen Doyle

HYBRID/VIRTUAL CHAIRS



Christian Vogler
Gallaudet University



Emma McDonnell
UW



Laurianne Sitbon
Queensland U. of Tech



Kelly Mack
UW

THANK YOUS

49

15
Countries



Organizing Committee

THANK YOU ORGANIZING COMMITTEE

General Chair, Jon E. Froehlich

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Treasurer and Registration Chairs, Martez Mott; Kyle Rector

Hybrid Experience Chair, Christian Vogler

Proceedings Chair, Raja Kushalnagar; Sergio Mascetti

Local Chairs, Georgios Kouroupetroglou, Alexandros Pino

Local Access Chairs, Paraskevi Riga, Ariadni Velissaropoulou

Web and Graphic Chairs, Liang He, Junhan (Judy) Kong, Jaylin Herskovitz, Jason Wu

ACM Partnerships Chair, Stacy Branham

Global Outreach Chairs, Uran Oh, Yuhang Zhao, Manohar Swaminathan, Pin Sym Foong

Workshop Chairs, Kyle Montague, Sowmya Somanath

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Virtual Chairs, Emma McDonnell, Kelly Mack, Benjamin Tannert, Laurianne Sitbon

Accessibility Chairs, J. Bern Jordan, Lei Shi

Mentoring Chairs, Sayan Sarcar, Kirsten Ellis

Publicity Chairs, Alexa Siu, Arthur Theil

Student Volunteer Chairs, Franklin Mingzhe Li, Maryam Banduka

TACCESS Special Issue Chair, Maria Wolters

Best Artifact Chair, Dragan Ahmetovic

Poster/Demo Chairs, Hugo Nicolau, Taslima Akter

Doctoral Consortium Chairs, Katta Spiel, Aqueasha Martin-Hammond

Student Research Competition Chairs, Mingming Fan, Roshan Peiris

Experience Report Chairs, Gareth Tigwell, Kathryn (Kate) Ringland





73



Program Committee

THANK YOU PROGRAM COMMITTEE

Tousif Ahmed, Samsung Research, USA

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Taslima Akter, Indiana University, USA

Oliver Alonzo, Rochester Institute of Technology, USA

Catherine Baker, Creighton University, USA

Giulia Barbareschi, Keio University, Japan

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Jeffrey Bigham, Carnegie Mellon Univ & Apple Research, USA

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Yasmine Elglaly, Western Washington University, USA

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Sri Kurniawan, University of California, Santa Cruz, USA

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Kyle Montague, Northumbria University, UK

Sergio Mascetti, University of Milan, Italy

Kathleen McCoy, University of Delaware, USA

Rachel Menzies, University of Dundee, UK

Oussama Metata, University of Bristol, UK

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Maria Wolters, University of Edinburgh, UK

Shaomei Wu, Facebook, USA

Yuhang Zhao, University of Wisconsin-Madison, USA

46



Student Volunteers

8 in-person | 38 virtual

THANK YOU STUDENT VOLUNTEERS

Alexandre Nevsky, King's College London

Allyson Yu, Temple University

Bineeth Kuriakose, Oslo Metropolitan University (OsloMet), Oslo, Norway

Brianna Wimer, University of Notre Dame

Chen Chen, University of California San Diego

Chinatsu Ozawa, University of Tsukuba / DigitalNatureGroup

Chutian Jiang, The Hong Kong University of Science and Technology

Eleftheria Maria Koukouletou, National and Kapodistrian University of Athens, Department of Psychology

Filipa Rocha, University of Lisbon

Gabriele Galimberti, Università degli Studi di Milano

Gesu India, Swansea University

Humphrey Curtis, King's College London

Hyeon Jeong Byeon, Ewha Womans University

Hyeonhak Jeong, University of Seoul

Jaime Garcia, California State University, Northridge

JiWoong (Joon) Jang, Carnegie Mellon University

Katerina Malisova, Department of Product and Systems Design Engineering, University of the Aegean

Keita Ohshiro, New Jersey Institute of Technology

Lucy Jiang, Cornell University

Luis Miguel Zamudio Fuentes, CICESE- Centro de Investigación Científica y de Educación Superior de Ensenada

Madhuka De Silva, Monash University

Maria Concepcion Valdez Gastelum, CICESE

Maria Glykeria Giannouli, University of Athens

Md Javedul Ferdous, Old Dominion University

Miki Okamura, University of Tsukuba, Digital Nature Group

Mina Huh, UT Austin

Minoli Perera, Monash University

Mo Zhou, City University of Hong Kong

Noëlle Rakotondravony, Worcester Polytechnic Institute

Obianuju Okafor, University of North Texas

Pallabi Bhowmick, Indiana University Bloomington

Pauliina Baltzar, Tampere University

Petro - Foti Kamberi, National and Kapodistrian University of Athens, Department of Informatics and Telecommunications

Rie Kamikubo, University of Maryland, College Park

Rosiana Natalie, Singapore Management University

Ru Wang, UW-Madison

Shruti Mahajan, Worcester Polytechnic Institute

Si Chen, University of Illinois Urbana-Champaign

Sungmin Na, University of Seoul

Tessa Eagle, University of California, Santa Cruz

Theodora Chamaidi, University of the Aegean

Yash Bohre, IITB-Monash Research Academy

yeojin kim, Ewha Womans University

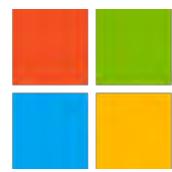
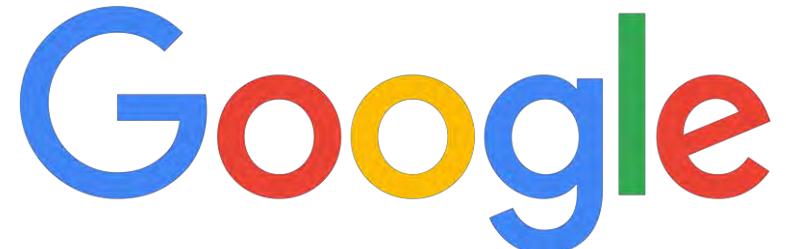
Yijing Jiang, Eindhoven University of Technology

Yunjung Bae, University of Southern California

Zhuohao Zhang, University of Washington

17

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Chair



Jon E. Froehlich
University of
Washington

Technical Program Chairs



Kristen Shinohara
Rochester Institute
of Technology

Treasurer /
Registration Chair



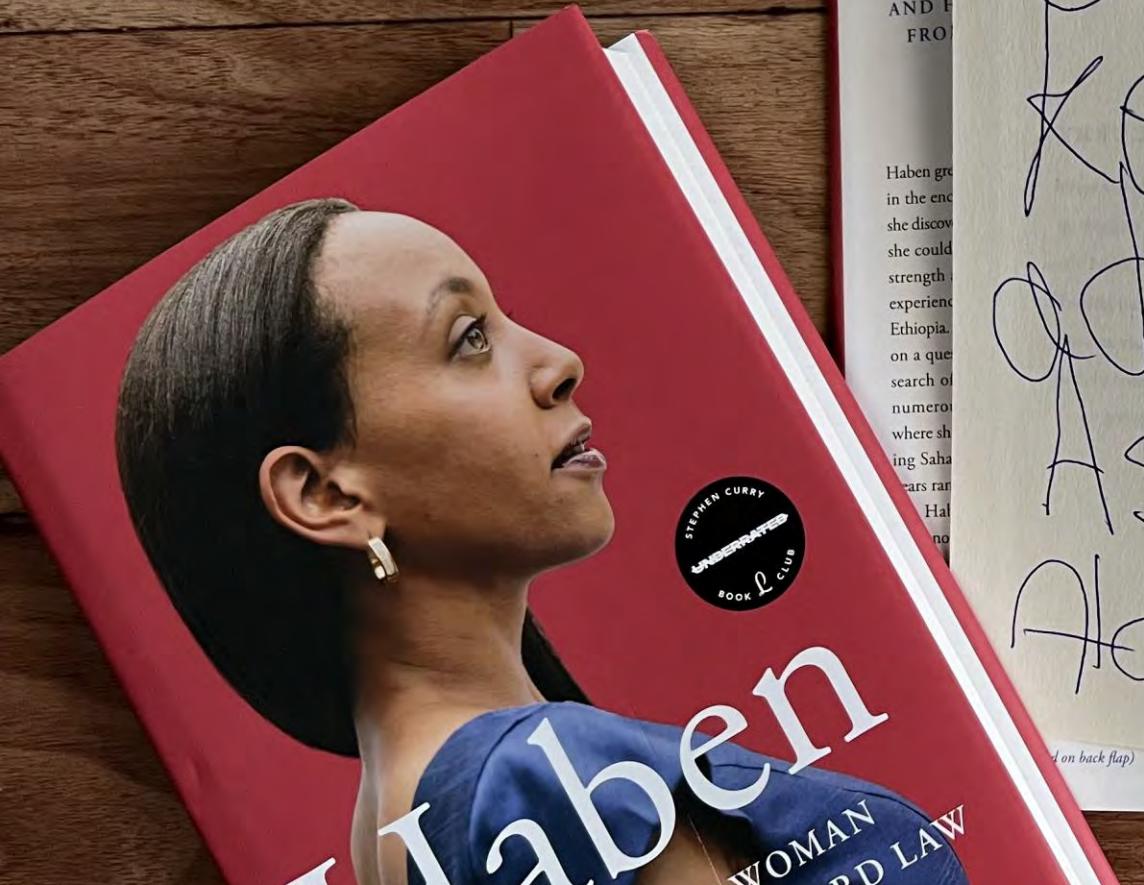
Martez Mott
Microsoft Research

Hybrid Experience
Chair



Christian Vogler
Gallaudet University

Stephanie Ludi
University of
North Texas



on back flap)

Christian
Kepp
advocating
Assesment
Ability

Haben

The Deafblind Woman
Who Conquered Harvard Law

Haben Girma
Haben



New York Boston

ASSETS'22 HYBRID BINGO



A	B	C	D	E
				Submit your BINGO cards on the #bingo Discord channel by Wed at 12PM Athens time to be entered into a raffle for an ASSETS22 t-shirt! You must fill at least one row, column, or diagonal to win! Each square must be a different person (either a virtual or in-person attendee).
1	B Find someone who you share a common interest with you. What is their name & the common interest? @Leah Finkler - dietary restrictions :)	I Find someone who prefers tea over coffee. What is their name and favorite kind of tea? @Paraskevi Rign - Mountain tea	N Find someone who is attending ASSETS (virtually or in Athens) for the first time. Who is it? @Thomas Ashe -	G Find someone who works in industry, do they have any pets. Who and what pets? @Danielle Braga - hair/boutique
2				@Emma McDonnell - 40,000 am
3	Find a student who is not from your institution. What is their name and favorite snack food? @Alexandre Nevsky - Cookies	Find someone who is attending ASSETS in person for the first time. What is their name & affiliation? @ Katerina Malisova - University of Aegean	Find a student volunteer. What is their name and favorite book? [Your answer]	Find someone you've never met who is attending ASSETS virtually on Discord. What is their name? [Your answer] Find someone who likes to dance. What is their name and their favorite song to dance to? @Megan Holman - Spaceman from les meomes
4	Find a post doc, what is their favorite project that they've worked on? [Your answer]	Find someone who identifies as Gen Z. What is their name and ask if they have ever used a VCR? [Your answer]	A Find a professor who is not	B Find someone on Discord
5	Find someone who likes the same hand artist as you. Who did you talk to and what is the artist? [Your answer]	Find someone who speaks two languages. List their name and languages. @ Leon Lu - Hindi and english	Submit your BINGO cards on the #bingo Discord channel by Wed at 12PM Athens time to be entered into a raffle for an ASSETS22 t-shirt! You must fill at least one row, column, or diagonal to win! Each square must be a different person (either a virtual or in-person attendee).	C
6	Find someone who speaks Greek. What is their name? @Georgios Kouropetrouiou	Find someone who has attended ASSETS 6+ times: who is it and how many times have they attended ASSETS? @ Anne Ross ?	B Find someone who you share a common interest with you. What is their name & the common interest? Murata Tamjeed: Going on boats	I Find someone who prefers tea over coffee. What is their name and favorite kind of tea? Debra Yarrington, black tea
7				N Find someone who is attending ASSETS (virtually or in Athens) for the first time. Who is it? [Your answer]
				Find a student who is not from your institution. What is their name and favorite snack food? [Your answer]
				Find a student volunteer. What is their name and favorite book? Leigh Clark, Bold Insight [Your answer]
				Find a post doc, what is their favorite project that they've
				Find someone who identifies as Gen Z. What is their name
				Introduce yourself on #introduce-yourself D

B	I	N	G	O
Find someone who you share a common interest with you. What is their name & the common interest? [Your answer]	Find someone who prefers tea over coffee. What is their name and favorite kind of tea? [Your answer]	Find someone who is attending ASSETS (virtually or in Athens) for the first time. Who is it? [Your answer]	Find someone who works in industry, do they have any pets. Who and what pets? [Your answer]	Find someone who is a self-identified night owl. What is their name and what time do they go to bed? [Your answer]
Find a student who is not from your institution. What is their name and favorite snack food? [Your answer]	Find someone who is attending ASSETS in person for the first time. What is their name & affiliation? Athina and Paraskevi	Find a student volunteer. What is their name and favorite book? [Your answer]	Find someone you've never met who is attending ASSETS virtually on Discord. What is their name? [Your answer]	Find someone who likes to dance. What is their name and their favorite song to dance to? [Your answer]
Find a post doc, what is their favorite project that they've worked on? [Your answer]	Find someone who identifies as Gen Z. What is their name and ask if they have ever used a VCR? Christian Vogler	Introduce yourself on the #introduce-yourself Discord channel! I introduced myself 10/21	Find a professor who is not from your institution, what is their name and favorite book and why? [Your answer]	Find someone on Discord that works in a similar research area to you. Who did you talk to and what area? [Your answer]
who works in what area? [Your answer]	Find someone who uses sign language. What is their name and affiliation? Christian Vogler	Find someone on Discord who has the same birth month as you. Who is it and what month? [Your answer]	Find someone who has been to 3 or more continents. What is their name & where did they go? Oliver Alonso -- He likes brazilian food :)	Find someone who pretends to be a raffle for an ASSETS'22 t-shirt! (either a virtual or in-person attendee). [Your answer]
you've never heard of on their name? [Your answer]	Find someone who likes to dance. What is their name and their favorite song to dance to? [Your answer]	Take a screenshot of your Discord profile picture. ff Bigham, Lycabettuz (# miles)	Find someone who you share a common interest with you. What is their name & the common interest? Oliver Alonso -- He likes brazilian food :)	Find someone who pretends to be tea over coffee. What is their name and favorite kind of tea? Tooba from Tufts University. Her favorite is camomile.
or who is not from your institution, what is their favorite book? Chapman Mate When Chapman [Your answer]	Find someone on Discord that works in a similar research area to you. Who did you talk to and what area? [Your answer]	Find a student who is not from your institution. What is their name and favorite snack food? [Your answer]	Find someone who is attending ASSETS in person for the first time. What is their name & affiliation? [Your answer]	Find someone who identifies as Gen Z. What is their name and ask if they have ever used a VCR? [Your answer]
on Discord since birth Who is it and September [Your answer]	Find someone who has been to 3 or more continents. What is their name & where did they go? [Your answer]	Find a post doc, what is their favorite project that they've worked on? [Your answer]	Find someone who likes the same band/artist as you. Who did you talk to and what is the artist? [Your answer]	Find someone who speaks two languages. List their name and languages. [Your answer]
with someone since birth. Selfies are send and post it to discord.channel.txt. [Your answer]	Find someone who is attending ASSETS from a different timezone than you. What is their name and where are they attending ASSETS? Abi Roper, Scotland ✈	Find someone who speaks Greek. What is their name? [Your answer]	Find someone who has attended ASSETS 6+ times who is it and how many times have they attended ASSETS? [Your answer]	Find someone who has attended ASSETS 6+ times who is it and how many times have they attended ASSETS? [Your answer]

B	I	N	G	O
Find someone who you share a common interest with you. What is their name and the common interest? Kristen Shirihara, running	Find someone who prefers tea over coffee. What is their name and favorite kind of tea? Merrie Morris, who likes Genmaicha tea	Find someone who is attending ASSETS (virtually or in Athens) for the first time. Who is it? Muhe Yang (McGill)	Find someone who works in industry, do they have any pets. Who and what pets? Shaun Kane has cats	Find someone who is a self-identified night owl. What is their name and what time do they go to bed? Emma McDonnell, Sam
Find a student who is not from your institution. What is their name and favorite snack food? Kexin Zhang, gummy bears	Find someone who is attending ASSETS in person for the first time. What is their name & affiliation? [Your answer]	Find a student volunteer. What is their name and favorite book? [Your answer]	Find someone you've never met who is attending ASSETS virtually on Discord. What is their name? [Your answer]	Find someone who likes to dance. What is their name and their favorite song to dance to? [Your answer]
Find a post doc, what is their favorite project that they've worked on? [Your answer]	Find someone who identifies as Gen Z. What is their name and ask if they have ever used a VCR? [Your answer]	Introduce yourself on the #introduce-yourself Discord channel 	Find a professor who is not from your institution, what is their name and favorite book and why? [Your answer]	Find someone on Discord that works in a similar research area to you. Who did you talk to and what area? [Your answer]
Find someone who likes the same band/artist as you. Who did you talk to and what is the artist? [Your answer]	Find someone who speaks two languages. List their name and languages. [Your answer]	Find someone who uses sign language. What is their name and affiliation? [Your answer]	Find someone on Discord who has the same birth month as you. Who is it and what month? [Your answer]	Find someone who has been to 3 or more continents. What is their name & where did they go? [Your answer]
omeone who is attending ASSETS (virtually or in Athens) for the first time. Who is it? University of Wisconsin-Madison	Find someone who works in industry, do they have any pets. Who and what pets? Shari Trewin, working at Google. She has no pets at the moment.	Find someone who is a self-identified night owl. What is their name and what time do they go to bed? Kexin, University of Wisconsin-Madison	Take a selfie with someone at the conference (Zoom/Discord selfies are encouraged!) and post it to the #selfie Discord channel. Remember alt txt. [Your answer]	Find someone who is attending ASSETS from a different timezone than you. What is their name and where are they attending ASSETS? [Your answer]
student volunteer. Their name and the book? from UCL. Her book "Image of the Kevin Lynch	Find someone you've never met who is attending ASSETS virtually on Discord. What is their name? [Your answer]	Find someone who likes to dance. What is their name and their favorite song to dance to? [Your answer]	Find someone on Discord that works in a similar research area to you. Who did you talk to and what area? [Your answer]	Find someone who uses language. What is their name and affiliation? [Your answer]
duce yourself on the #introduce-yourself Discord channel 	Find a professor who is not from your institution, what is their name and favorite book and why? [Your answer]	Find someone on Discord who has the same birth month as you. Who is it and what month? [Your answer]	Take a selfie with someone at the conference (Zoom/Discord selfies are encouraged!) and post it to the #selfie Discord channel. Remember alt txt. [Your answer]	omeone who uses language. What is their name and affiliation? [Your answer]
omeone who has run or worked out, what is their day, and how far did they run? Hint: ask Bigham!	Find someone on Discord who has the same birth month as you. Who is it and what month? [Your answer]	Find someone who has been to 3 or more continents. What is their name & where did they go? [Your answer]	Find someone who is attending ASSETS from a different timezone than you. What is their name and where are they attending ASSETS? [Your answer]	omeone who has run or worked out, what is their day, and how far did they run? Hint: ask Bigham! [Your answer]
	Take a selfie with someone at the conference (Zoom/Discord selfies are encouraged!) and post it to the #selfie Discord channel. Remember alt txt. [Your answer]	Find someone who is attending ASSETS from a different timezone than you. What is their name and where are they attending ASSETS? [Your answer]		

ASSETS'22 BINGO WINNER

LEANDRO SOARES GUEDES

B	I	N	G	O
<p>Find someone who you share a common interest with you. What is their name & the common interest?</p> <p>Oliver Alonso -- He likes brazilian food :)</p>	<p>Find someone who prefers tea over coffee. What is their name and favorite kind of tea?</p> <p>Tooba from Tufts University. Her favorite tea is camomile.</p>	<p>Find someone who is attending ASSETS (virtually or in Athens) for the first time. Who is it?</p> <p>Tiger - University of Wisconsin-Madison</p>	<p>Find someone who works in industry, do they have any pets. Who and what pets?</p> <p>Shari Trewin, working at Google. She has no pets at the moment.</p>	<p>Find someone who is a self-identified night owl. What is their name and what time do they go to bed?</p> <p>Kexin, University of Wisconsin-Madison</p>
<p>Find a student who is not from your institution. What is their name and favorite snack food?</p> <p>[Your answer]</p>	<p>Find someone who is attending ASSETS in person for the first time. What is their name & affiliation?</p> <p>[Your answer]</p>	<p>Find a student volunteer. What is their name and favorite book?</p> <p>Maryam from UCL. Her favorite book "Image of the city" by Kevin Linch</p>	<p>Find someone you've never met who is attending ASSETS virtually on Discord. What is their name?</p> <p>[Your answer]</p>	<p>Find someone who likes to dance. What is their name and their favorite song to dance to?</p> <p>[Your answer]</p>
<p>Find a post doc, what is their favorite project that they've worked on?</p> <p>[Your answer]</p>	<p>Find someone who identifies as Gen Z. What is their name and ask if they have ever used a VCR?</p> <p>[Your answer]</p>	<p>Introduce yourself on the #introduce-yourself Discord channel</p> 	<p>Find a professor who is not from your institution, what is their name and favorite book and why?</p> <p>[Your answer]</p>	<p>Find someone on Discord that works in a similar research area to you. Who did you talk to and what area?</p> <p>[Your answer]</p>
<p>Find someone who likes the same band/artist as you. Who did you talk to and what is the artist?</p> <p>[Your answer]</p>	<p>Find someone who speaks two languages. List their name and languages.</p> <p>[Your answer]</p>	<p>Find someone who uses sign language. What is their name and affiliation?</p> <p>[Your answer]</p>	<p>Find someone on Discord who has the same birth month as you. Who is it and what month?</p> <p>[Your answer]</p>	<p>Find someone who has been to 3 or more continents. What is their name & where did they go?</p> <p>[Your answer]</p>
<p>Find someone who speaks Greek. What is their name?</p> <p>[Your answer]</p>	<p>Find someone who has attended ASSETS 6+ times: who is it and how many times have they attended ASSETS?</p> <p>[Your answer]</p>	<p>Find someone who has gone on a run or worked out today, what is their name and how far did they run? [Hint: ask Bigham]</p> <p>[Your answer]</p>	<p>Take a selfie with someone at the conference (Zoom/Discord selfies are encouraged!) and post it to the #selfie Discord channel. Remember alt txt.</p> <p>[Your answer]</p>	<p>Find someone who is attending ASSETS from a different timezone than you. What is their name and where are they attending ASSETS?</p> <p>[Your answer]</p>

ASSETS'22 BINGO WINNER

JAISIE SIN

A	B	C	D	E
Submit your BINGO cards on the #bingo Discord channel by Wed at 12PM Athens time to be entered into a raffle for an ASSETS'22 t-shirt! You must fill at least one row, column, or diagonal to win! Each square must be a different person (either a virtual or in-person attendee)				
B	I	N	G	O
Find someone who you share a common interest with you. What is their name & the common interest? Murata Tamjeed: Going on boats	Find someone who prefers tea over coffee. What is their name and favorite kind of tea? Debra Yarrington, black tea	Find someone who is attending ASSETS (virtually or in Athens) for the first time. Who is it? [Your answer]	Find someone who works in industry, do they have any pets. Who and what pets? [Your answer]	Find someone who is a self-identified night owl. What is their name and what time do they go to bed? [Your answer]
Find a student who is not from your institution. What is their name and favorite snack food? [Your answer]	Find someone who is attending ASSETS in person for the first time. What is their name & affiliation? Leigh Clark, Bold Insight	Find a student volunteer. What is their name and favorite book? [Your answer]	Find someone you've never met who is attending ASSETS virtually on Discord. What is their name? [Your answer]	Find someone who likes to dance. What is their name and their favorite song to dance to? [Your answer]
Find a post doc, what is their favorite project that they've worked on? [Your answer]	Find someone who identifies as Gen Z. What is their name and ask if they have ever used a VCR? [Your answer]	Introduce yourself on the #introduce-yourself Discord channel 	Find a professor who is not from your institution, what is their name and favorite book and why? LouAnne Boyd, Chapman University, TextMate When You Get Home	Find someone on Discord that works in a similar research area to you. Who did you talk to and what area? [Your answer]
Find someone who likes the same band/artist as you. Who did you talk to and what is the artist? [Your answer]	Find someone who speaks two languages. List their name and languages. Mauricio Fontana de Vargas, Portuguese & English	Find someone who uses sign language. What is their name and affiliation? [Your answer]	Find someone on Discord who has the same birth month as you. Who is it and what month? Sohyeon Park, September	Find someone who has been to 3 or more continents. What is their name & where did they go? [Your answer]
Find someone who speaks Greek. What is their name? [Your answer]	Find someone who has attended ASSETS 6+ times: who is it and how many times have they attended ASSETS? Kathy McCoy, 10+	Find someone who has gone on a run or worked out today, what is their name and how far did they run? [Hint: ask Bigham] [Your answer]	Take a selfie with someone at the conference (Zoom/Discord selfies are encouraged!) and post it to the #selfie Discord channel . Remember alt txt. [Your answer]	Find someone who is attending ASSETS from a different timezone than you. What is their name and where are they attending ASSETS? Abi Roper, Scotland ✈️

BEST ARTIFACT AWARDS



Best Artifact Award Candidates

October 23-26, 2022

This year, we have 15 high-quality candidates for the Best Artifact Award. Please check the candidate artifacts and the corresponding submission papers and cast your vote by October 24th.

[Link to the voting page \(for conference attendees only\).](#)

Please cast your vote considering the following criteria: artifact's potential to improve the quality of life for people with disabilities or older adults; artifact availability for the target user group; artifact's quality level and robustness.

List of the candidate artifacts:

BEST ARTIFACT AWARD COMMITTEE

Chair



Dragan Ahmetovic
Università degli Studi
di Milano



Jeffrey P. Bigham
CMU HCII & Apple



Tiago Guerreiro
Universidade de Lisboa



Jinjuan Heidi Feng
Towson University



Victoria Yaneva
NBME & University of
Wolverhampton

Panel Judges

BEST ARTIFACT AWARD: 3RD PLACE



3rd

**UnlockedMaps: Visualizing Real-Time Accessibility of Urban Rail Transit
Using a Web-Based Map**

Ather Sharif, Aneesha Ramesh, Trung-Anh Nguyen, Luna Chen, Kent Richard Zeng, Lanqing Hou, Xuhai Xu

BEST ARTIFACT AWARDS: TIE FOR FIRST



1st

AAC with Automated Vocabulary from Photographs: Insights from School and Speech-Language Therapy Settings

Mauricio Fontana de Vargas, Jiamin Dai, Karyn Moffatt, McGill University



1st

CodeWalk: Facilitating Shared Awareness in Mixed-Ability Collaborative Software Development

Venkatesh Potluri¹, Maulishree Pandey¹, Andrew Begel², Michael Barnett², Scott Reitherman²

¹University of Washington, ²Microsoft Research, Redmond

STUDENT RESEARCH COMPETITION

BEST ARTIFACT AWARD COMMITTEE

Chairs



Roshan Peiris
RIT



Mingming Fan
Hong Kong UST

Judges



Xin Tong
Duke Kunshan U.



Zikai Alex Wen
Hong Kong UST



Suranga Nanayakkara
National U. of Singapore

SRC: UNDERGRADUATE CATEGORY



1st

Challenges and Opportunities in Creating An Accessible Web Application for Learning Organic Chemistry

Allyson Grace Yu, Temple University

SRC: GRADUATE CATEGORY



2nd

FootUI: Designing and Detecting Foot Gestures to Assist People with Upper Body Motor Impairments to Use Smartphones on the Bed

Hu Xiaozhu, University of Science and Technology Hong Kong, Tsinghua University
Jiting Wang, Tsinghua University

Weiwei Gao, Tsinghua University

Yongquan Hu, University of New South Wales



1st

Investigating Sign Language Interpreter Rendering and Guiding Methods in Virtual Reality 360-Degree Content

Craig Anderton, Birmingham City University

BEST PAPER AWARDS

BEST PAPER COMMITTEE



Anthony Hornof
U. of Oregon



Amy Hurst
U. of Oregon



Cynthia Putnam
DePaul



Sayan Sarcar
Birmingham City U.



Gerhard Weber
Technische U. Dresden

8 BEST PAPER NOMINEES: FIRST FOUR

1

Quantifying Touch: New Metrics for Characterizing What Happens During a Touch

Junhan Kong, Mingyuan Zhong, James Fogarty, Jacob Wobbrock, University of Washington

2

Accessible Blockly: An Accessible Block-Based Programming Library for People with Visual Impairments

Aboubakar Mountapmbeme, Obiamuju Okafor, Stephanie Ludi, University of North Texas

3

LaMPost: Design and Evaluation of an AI-assisted Email Writing Prototype for Adults w/ Dyslexia

Steven Goodman¹, Andy Coenen², Aaron Donsbach², Tiffanie Home², Michael Lahav², Robert MacDonal², Rain Breaw Michaels², Agit Narayanan², Mahima Pushkama², Rachel Sweeney², Meredith Ringel Morris²

¹University of Washington; ²Google

4

A Collaborative Approach to Support Medication Management in Older Adults with Mild Cognitive Impairment Using Conversational Assistants (CAs)

Niharika Mathur¹, Tamara Zubatiy¹, Jiachen Li¹, Brian Jones¹, Elizabeth Mynatt²

¹Georgia Tech; ²Northeastern University

8 BEST PAPER NOMINEES: NEXT FOUR

5

Blind Users Accessing Their Training Images in Teachable Object Recognizers

Jonggi Hong¹, Jaina Gandhi², Ernest Mensah², Famaz Zeraati², Ebrima Jarjue², Kyungjun Lee², Hernisa Kacorri²

¹Smith-Kettlewell Eye Research Institute; ²University of Maryland, College Park

6

AAC with Automated Vocabulary from Photographs: Insights from School and Speech-Language Therapy Settings

Mauricio Fontana de Vargas, Jiamin Dai, Karyn Moffatt, McGill University

7

Chronically Under-Addressed: Considerations for HCI Accessibility Practice w/Chronically Ill People

Kelly Mack, Emma McDonnell, Leah Findlater, Heather Evans, University of Washington

8

Support in the Moment: Benefits and use of video-span selection and search for sign-language video comprehension among ASL learners

Saad Hassan, Akhter Al Amin, Caluã de Lacerda Pataca, Diego Navarro, Alexis Gordon, Sooyeon Lee, Matt Huenerfauth, Rochester Institute of Technology



Best Student Paper

ASSETS

The 24th International ACM SIGACCESS Conference on
Computers and Accessibility

October 23-26, 2022 Athens, Greece

Presented to

Mauricio Fontana de Vargas, Jiamin Dai, Karyn Moffatt
(School of Information Studies, McGill University, Montreal,
Quebec, Canada)

For

**"AAC with Automated Vocabulary from Photographs:
Insights from School and Speech-Language Therapy
Settings"**

A handwritten signature in black ink.

Jon Froehlich
General Chair

A handwritten signature in black ink.

Kristen Shinohara and Stephanie Ludi
Program Co-Chairs





Best Paper

ASSETS

The 24th International ACM SIGACCESS Conference on
Computers and Accessibility

October 23-26, 2022 Athens, Greece

Presented to

Niharika Mathur, Kunal Dhadapkar, Tamara Zubatiy,
Jiachen Li, Brian D Jones
(Georgia Institute of Technology, Atlanta, Georgia, United States)

Elizabeth D Mynatt
(Northeastern University, Boston, Massachusetts, United States)

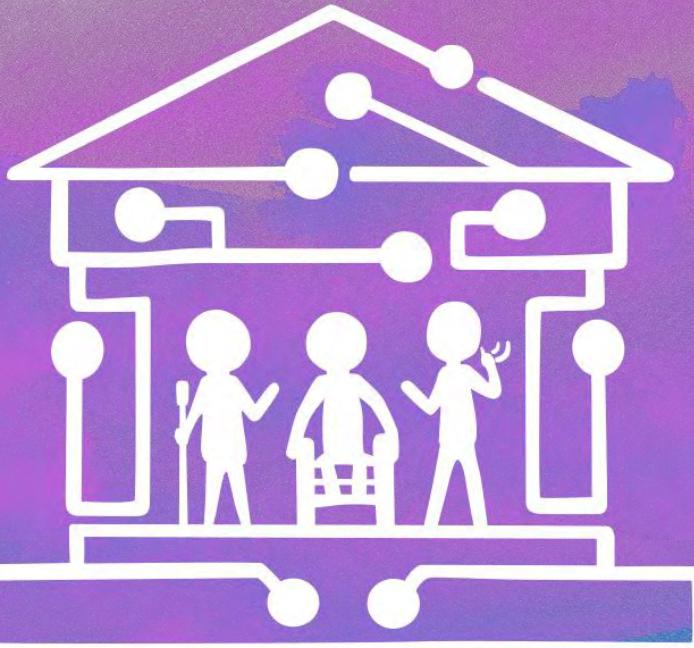
For

"A Collaborative Approach to Support Medication
Management in Older Adults with Mild Cognitive
Impairment Using Conversational Assistants (CAs)"

Jon Froehlich
General Chair

Kristen Shinohara and Stephanie Ludi
Program Co-Chairs





ASSETS 2022

The 24th International ACM SIGACCESS
Conference on Computers and Accessibility

📍 Athens, Greece

📅 Oct 23-26

ASSETS'23

