Wonderful ASSETS'22 attendees, it is my pleasure to announce the posting of Haben Girma's Opening Keynote (fully captioned): https://youtu.be/q2qv-TYcLAI. This video is unlisted and is only for paid ASSETS'22 registrants (virtual and in-person). (edited)
DAY 2 SUMMARY
**SCHEDULE**

**DISTINGUISHED GUESTS**

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**Monday**

- **Georgios Kouroupetroglou**  
  President, Advancement of Assistive Technology in Europe; Prof, NKUA

- **Haben Girma**  
  Human rights lawyer advancing disability justice

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**Tuesday**

- **Yannis Ioannidis**  
  President, ACM  
  Professor, NKUA

- **Clayton Lewis**  
  Professor Emeritus, U. of Colorado  
  SIGACCESS Outstanding Contribution
ASSETS’22 DAY 2
Poster Session
ASSETS’22 DAY 2
Acropolis Museum
ASSETS’22 DAY 2
Acropolis Cafe
Christian Vogler  
Gallaudet University

Emma McDonnell  
UW

Laurianne Sitbon  
Queensland U. of Tech

Kelly Mack  
UW
THANK YOU
49
Organizing Committee

15 Countries
General Chair, Jon E. Froehlich
Technical Program Chairs, Kristen Shinoara; Stephanie Ludi
Treasurer and Registration Chairs, Martez Mott; Kyle Rector
Hybrid Experience Chair, Christian Vogler
Proceedings Chair, Raja Kushalnagar; Sergio Mascetti
Local Chairs, Georgios Kouroupetogoou, 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
Education and Outreach Chairs, Anne Spencer Ross, Catie Baker
Equity and Belonging Chairs, LouAnne Boyd, John A. Guerra Gomez
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, Garreth Tigwell, Kathryn (Kate) Ringland
Program Committee
Tousif Ahmed, Samsung Research, USA
Dragan Ahmetovic, Università degli Studi di Milano, Italy
Taslima Akter, Indiana University, USA
Oliver Alonzo, Rochester Institute of Technology, USA
Catherine Baker, Creighton University, USA
Giulia Barbaresci, Keio University, Japan
Andrew Begel, Microsoft Research, USA
Jeffrey Bigham, Carnegie Mellon Univ & Apple Research, USA
Syed Masum Billah, Pennsylvania State University, USA
Edward Cutrell, Microsoft Research, USA
Karina Caro, Autonomous University of Baja California, Mexico
Michael Crabb, University of Dundee, UK
Patrick Carrington, Carnegie Mellon University, USA
Maitreyas Das, Northwestern University, USA
Kirsten Ellis, Monash University, Australia
Yasmine Elglaly, Western Washington University, USA
Lizbeth Escobedo, University of California, San Diego, USA
Leah Findlater, Univ of Washington & Apple Research, USA
David Flatla, University of Guelph, Canada
Kathrin Gerling, KU Leuven, Belgium
Benjamin Gorman, Bournemouth University, UK
João Guerreiro, University of Lisbon, Portugal
Tiago Guerreiro, University of Lisbon, Portugal
Anhong Guo, University of Michigan, USA
Foad Hamidi, University of Maryland, Baltimore County, USA
Kotaro Hara, Singapore Management University, Singapore
Saad Hassan, Rochester Institute of Technology, USA
Liang He, Purdue University, USA
Megan Hofmann, Carnegie Mellon University, USA
Anthony Hornof, University of Oregon, USA
Matt Huenerfauth, Rochester Institute of Technology, USA
Amy Hurst, New York University, USA
Dhruv Jain, University of Washington, USA
Hernisa Kacorri, University of Maryland, USA
Shaun Kane, Google, USA
Masatomo Kobayashi, IBM Research Tokyo, Japan
Ravi Kuber, University of Maryland, Baltimore County, USA
Sri Kurniawan, University of California, Santa Cruz, USA
Raja Kushalnagar, Gallaudet University, USA
Sooyeon Lee, Rochester Institute of Technology, USA
Clayton Lewis, University of Colorado, USA
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
Lauren Milne, Macalester College, USA
Silvia Mirri, University of Bologna, Italy
Karyn Moffatt, McGill University, Canada
Merrie Morris, Google, USA
Cecily Morrison, Microsoft Research, USA
Martez Mott, Microsoft Research, USA
Aboubakar Mountapmbeme, University of North Texas, USA
Tim Neate, King’s College London, UK

Hugo Nicolau, University of Lisbon, Portugal
Obianuju Okafor, University of North Texas, USA
Rohan Peiris, Rochester Institute of Technology
Cynthia Putnam, DePaul University, USA
Kathryn Ringland, University of California, Santa Cruz, USA
André Rodrigues, University of Lisbon, Portugal
Abi Roper, City University of London, UK
Abigale Stangl, University of Washington, USA
Sayan Sarcar, Birmingham City University, UK
Daisuke Sato, IBM Research Tokyo, Japan
Lei Shi, Google, USA
Manohar Swaminathan, Microsoft Research, India
Hironobu Takagi, IBM Research Tokyo, Japan
Benjamin Tannert, Bremen City Univ of Applied Science, Germany
Arthur Theil, Offenburg University of Applied Sciences, Germany
Gerhard Weber, Dresden University of Technology, Germany
Maria Wolters, University of Edinburgh, UK
Shaomei Wu, Facebook, USA
Yuhang Zhao, University of Wisconsin-Madison, USA
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 Koukouletsou, 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
Sponsors
OPENING PLENARY

ASSETS’22 LEADERSHIP TEAM

General Chair
Jon E. Froehlich
University of Washington

Technical Program Chairs
Kristen Shinohara
Rochester Institute of Technology
Stephanie Ludi
University of North Texas

Treasurer / Registration Chair
Martez Mott
Microsoft Research

Hybrid Experience Chair
Christian Vogler
Gallaudet University
Christian
keep advocating
Assets22
Haben
ASSETS’22 HYBRID BINGO
BINGO

Listen carefully and ask your classmates about the following:

1. What is their name?
2. What is their birthday month?
3. What is their favorite color?
4. What are their favorite books?
5. What is their favorite movie?
6. What is their favorite food?
7. What is their favorite hobby?
8. What is their favorite sport?
9. What is their favorite music genre?
10. What is their favorite place to travel?

Find someone who shares the same interest as you. What is their name? What is their birthday month? What is their favorite color? What are their favorite books? What is their favorite movie? What is their favorite food? What is their favorite hobby? What is their favorite sport? What is their favorite music genre? What is their favorite place to travel?
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<tbody>
<tr>
<td>Find someone who you share a common interest with you. What is their name &amp; the common interest?</td>
<td>Find someone who prefers tea over coffee. What is their name and favorite kind of tea?</td>
<td>Find someone who is attending ASSETS (virtually or in Athens) for the first time. Who is it? Tiger - University of Wisconsin-Madison</td>
<td>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.</td>
<td>Find someone who is a self-identified night owl. What is their name and what time do they go to bed? Kesin, University of Wisconsin-Madison</td>
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<td>Find a student who is not from your institution. What is their name and favorite snack food?</td>
<td>Find someone who is attending ASSETS in person for the first time. What is their name &amp; affiliation?</td>
<td>Find a student volunteer. What is their name and favorite book? Maryam from UCL. Her favorite book “Image of the city” by Kevin Linch</td>
<td>Find someone you’ve never met who is attending ASSETS virtually on Discord. What is their name? [Your answer]</td>
<td>Find someone who likes to dance. What is their name and their favorite song to dance to? [Your answer]</td>
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<td>Find a post doc, what is their favorite project that they’ve worked on?</td>
<td>Find someone who identifies as Gen Z. What is their name and ask if they have ever used a VCR?</td>
<td>Introduce yourself on the ASSETS Discord channel</td>
<td>Find a professor who is not from your institution, what is their name and favorite book and why? [Your answer]</td>
<td>Find someone on Discord that works in a similar research area to you. Who did you talk to and what area? [Your answer]</td>
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<tr>
<td>Find someone who likes the same band/artist as you. Who did you talk to and what is the artist?</td>
<td>Find someone who speaks two languages. List their name and languages.</td>
<td>Find someone who uses sign language. What is their name and affiliation?</td>
<td>Find someone on Discord who has the same birth month as you. Who is it and what month? [Your answer]</td>
<td>Find someone who has been to 3 or more continents. What is their name &amp; where did they go? [Your answer]</td>
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<td>Find someone who speaks Greek. What is their name?</td>
<td>Find someone who has attended ASSETS 5+ times: who is it and how many times have they attended ASSETS?</td>
<td>Find someone who has gone on a run or worked out today, what is their name and how far did they run? [Hint: ask Brigham]</td>
<td>Take a selfie with someone at the conference (Zoom/Discord selfies are encouraged!) and post it to the #selfie Discord channel. Remember alt text. [Your answer]</td>
<td>Find someone who is attending ASSETS from a different timezone than you. What is their name and where are they attending ASSETS? [Your answer]</td>
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<td><strong>WINNER</strong></td>
<td>Muhsin Tamporee, Going on boats</td>
<td>Debra Yarington, Black tea</td>
<td>[Your answer]</td>
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<td><strong>Find a professor who is not from your institution, what is their name and favorite book and why?</strong></td>
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<td><strong>Find someone who is attending ASSETS from a different time zone than you. What is their name and when are they attending ASSETS?</strong></td>
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**ASSETS’22 BINGO WINNER**

**JAISIE SIN**
BEST ARTIFACT AWARDS
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:

Designing a Game for Pre-Screening Students with Specific Learning Disabilities in Chinese
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
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
AAC with Automated Vocabulary from Photographs: Insights from School and Speech-Language Therapy Settings
Mauricio Fontana de Vargas, Jiamin Dai, Karyn Moffatt, McGill University

CodeWalk: Facilitating Shared Awareness in Mixed-Ability Collaborative Software Development
Venkatesh Potluri\textsuperscript{1}, Maulishree Pandey\textsuperscript{1}, Andrew Begel\textsuperscript{2}, Michael Barnett\textsuperscript{2}, Scott Reitherman\textsuperscript{2}
\textsuperscript{1}University of Washington, \textsuperscript{2}Microsoft 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
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, Kyungiun 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”

Jon Froehlich
General Chair

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 Dhodapkar, 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