CONFERENCE AT A GLANCE

SATURDAY, FEBRUARY 25
9:00-5:00  Workshops and Doctoral Colloquium

SUNDAY, FEBRUARY 26
9:00-5:00  Workshops and Doctoral Colloquium

5:00-7:00  Welcome Reception (Multnomah/Holladay) Sponsored by IBM Research

MONDAY, FEBRUARY 27
9:00-10:30 Welcome and Opening Keynote (Multnomah/Holladay): Lili Cheng - Conversational Intelligence: Bots and Lessons Learned

Location
Three Sisters  Mt. Bachelor  Mt. Hood  Mt. St. Helens  Ross Island/ Morrison  Hawthorne/ Sellwood

11:00-12:30  Locations
Communication, Couples, & Control  Content Quality  Agents, Robots & the Wizard of Oz  Creativity - Supporting Collaboration  Language Matters

12:30-2:30  Lunch

2:30-4:00  Social Media & the Individual  Politics, Party, Policy, & Participation  Education & Games  Teens & Children  Leave Me Alone: Privacy & Notifications  Design - Supporting Collaboration

4:30-6:00  Overcoming Barriers  The Presentation of Self in Everyday Media  Panel: Social Justice and Design  Viva La Video  Data & Work  What Works in Crowd Work

6:00-8:00  Posters and Demos Reception (Multnomah/Holladay)  Sponsored by Facebook

TUESDAY, FEBRUARY 28

Location
Three Sisters  Mt. Bachelor  Mt. Hood  Mt. St. Helens  Ross Island/ Morrison  Hawthorne/ Sellwood


11:00-12:30  Trolls & Harassment  Crisis Management  Tracking Activity & Health  Online Movements  Ranking & Recommendation

12:30-2:30  Lunch and Birds of a Feather Sessions

2:30-4:00  With a Little Help from My Friends... CAUTION  On New & Old Research Methods  ICT4D  Caring/Comm - Collaborative  Crowd Processes


5:30-6:15  Town Hall (Multnomah/Holladay)

6:30-10:00  Conference Banquet (Portland Art Museum) Sponsored by Facebook

WEDNESDAY, MARCH 1

Location
Three Sisters  Mt. Bachelor  Mt. Hood  Mt. St. Helens  Ross Island/ Morrison  Hawthorne/ Sellwood

9:00-10:30  Illness & Digital Data  Wikipedia  Digital Memories - Creating Workers  On Mental Models & Collaboration

11:00-12:30  Funding & Founders  Wikipedia & More  Citizen Science  Healthcare: Data Tracking & Triggers in Healthcare  Meeting & Collaboration Support

12:30-2:30  Lunch

2:30-4:00  Parenting  Teamwork  Panel: Perspectives on Livestreaming  All About Sharing  Data Visualization, Gamification, & Virtual Worlds  Programming

4:30-6:00  Closing Presentations and Keynote (Multnomah/Holladay): Jorge Cham - The Science Gap
RECEPTIONS AND BANQUET

WELCOME RECEPTION  
Sunday, 5:00–7:00pm @ Multnomah/Holladay  
The Welcome Reception is sponsored by IBM Research.

POSTER/DEMOS RECEPTION  
Monday, 6:00–8:00pm @ Multnomah/Holladay  
The Posters/Demos Reception is sponsored by Facebook.

CONFERENCE BANQUET  
Tuesday, 6:30–10:00pm @ Portland Art Museum Grand Ballroom  
The Banquet is sponsored by Facebook.

The ballroom is on the third floor of the Mark Building. Enter through the doors at 1119 SW Park Avenue (between SW Main and SW Madison streets, off the South Park Blocks). A full buffet dinner featuring recipes from notable Portland restaurants will be served. In your registration materials you will find two drink tickets (further drinks may be purchased) and a Trimet pass for transportation between the banquet and the conference hotel (see directions below).

Attendees will have complimentary access to the museum galleries after dinner. Spread over two buildings connected by an underground passage, the museum has nine distinct collections (American, Asian, European, Modern and Contemporary, Native American -- including Contemporary Native Arts, and Northwest art; as well as Photography, Graphic Arts, and Silver), in addition to Special Exhibitions including “Rodin: The Human Experience”. We encourage you not to try to see it all but to select two or three that strike your fancy. Docent-led tours of selected areas will be available.

Your complimentary Trimet pass may be used to ride MAX Light Rail, the Portland Streetcar, or Portland city buses to and from the banquet. We recommend taking the MAX as the DoubleTree hotel is adjacent to the Lloyd Center/ NE 11th Ave station on the Red, Blue, and Green lines, any of which westbound will take you on a 25 minute ride to stations a short walk away from the Portland Art Museum.

On the Red or Blue lines, get off at the Galleria/SW 10th Ave station and walk a few blocks south on SW 9th Ave (aka SW Park Ave) to the Mark Building. On the Green line, get off at City Hall/SW 5th & Jefferson station and walk a few blocks west to SW Park Ave, then north a block or two to the Mark Building.

Returning on the Red or Blue lines, walk north to board at the Library/SW 9th Ave station. Returning on the Green line, walk east to the SW 6th & Madison station. Note that MAX service ends at midnight.

There is no need to show your pass when you board MAX or Streetcar trains. It is possible though unlikely that an inspector will enter and demand to see everyone’s valid passes (in which case you do not want to be caught without one). To board a bus, you will need to show the driver your pass.

If you require an accessible taxi service due to a mobility challenge, we encourage you to contact the conference’s Accessibility Chair Erin Brady <access2017@cscw.acm.org>, who can facilitate such an arrangement.

BIRDS OF A FEATHER (BOF)

LUNCH SESSIONS ON THE FUTURE OF OUR INTERNATIONAL COMMUNITY  
Tuesday, 12:30–2:30pm  
(Optional Sessions)

Many of us in CSCW and related fields are concerned with the future of our international community of research and practice, given the current political climate in the United States and around the world. Like many of you, we have been having conversations about many different topics, including: the impact of immigration regulations on research, teaching, and conferences, the funding of research (both in our field and science more broadly), the role of CSCW systems in political action and discourse, inclusion and diversity (in many contexts), strategies for political mobilization and activism, actions professional associations can take, as well as how to build and sustain international perspectives in our community.

We considered adding a panel or session to the main program on these topics, but we wanted to make sure that all CSCW attendees could participate in these important and multifaceted conversations. We will therefore be coordinating Birds of a Feather (BoF) lunch sessions on Tuesday, Feb 28th. These sessions will be independently led by volunteer attendees, who will propose a topic or question for discussion over lunch. Details about logistics, including how to lead or join a session can be found at cscwbof.org using the password “groupware”. Please contact Stuart Geiger <stuart@stuartgeiger.com> if you have any questions or issues.

We do not wish to constrain the topics of discussion, but we are particularly seeking volunteers to lead sessions that in some way involve a reflective discussion of how we as CSCW researchers and practitioners are engaging with issues of a broader impact in our institutions, communities, and world. We ask that BoF leaders begin with a short discussion of norms for the conversation (e.g. if public notes will be taken, if others can quote others) and that all participants adhere to the ACM Code of Ethics and Professional Conduct.
Welcome to CSCW 2017, the ACM 2017 Conference on Computer Supported Cooperative Work and Social Computing! We are excited to welcome the CSCW community back to Portland, Oregon, where the second CSCW conference was held in 1988. Both Portland and CSCW have matured a great deal during the intervening 29 years. We hope that you will find that Portland provides a stimulating environment for our conference.

CSCW is the premier venue for presenting research in the design and use of technologies that affect groups, organizations, communities, and networks. Bringing together top researchers and practitioners from academia and industry, CSCW explores the technical, social, material, and theoretical challenges of designing technology to support collaborative work and life activities. CSCW welcomes a diverse range of topics and research methodologies. Studies often involve the development and application of novel technologies and/or ethnographic studies that inform design practice or theory. The mission of the conference is to share research that advances the state of human knowledge and improves both the design of systems and the ways they are used. The diversity of work in our conference program reflects the diversity of technology use in people’s work, social, and civic lives as well as the geographic and cultural diversity of contributors.

As many of you know, CSCW follows a rigorous “revise and resubmit” review process that uses peer review to improve submitted papers while maintaining a high-quality threshold for final acceptance. We also help prepare the next generation of reviewers with a mentorship program in which students review papers under the guidance of an experienced reviewer. This year we have the largest CSCW program ever. We had 530 submitted papers and 183 were accepted for presentation at the conference. The program also includes 4 papers published in ACM Transactions on Human-Computer Interaction (TOCHI). In addition, we will feature 14 workshops, 56 posters, 12 demos, and 3 panels.

Lili Cheng of Microsoft Research will open the conference, speaking on “Conversational AI & Lessons Learned.” Our closing plenary will feature Jorge Cham, the creator of PhD Comics, who will talk about, “The Science Gap.” We also welcome Paul Luff and Christian Heath from King’s College as the recipients of this year’s CSCW Lasting Impact award for their influential 1998 paper, “Mobility in Collaboration.”

Putting together the CSCW 2017 conference is a team effort, and we are grateful to the many people who have contributed their efforts to the success of CSCW 2017. We would especially like to thank the members of the conference committee, the program committee, mentors, and the reviewers of all the technical venues whose volunteer efforts shaped the program and provided valuable feedback to authors. We also thank Lisa Tollef at Sheridan Communications, Yvonne Lopes at Executive Events, and Farrah Khan at ACM for their assistance with publications, registration, and arrangements. Special thanks go out to John and Joanne Lateulere for their invaluable help with conference planning and management, and to all our student volunteers who provide the essential labor to make the conference run smoothly. Finally, we thank our sponsors ACM and SIGCHI, as well as Facebook, IBM Research, Microsoft Research, HP, Mozilla, and Google. And, of course, we thank all of you who are attending the conference.

We hope you enjoy CSCW 2017.

ABOUT THE PAPERS PROGRAM

It is our great pleasure to welcome you to the CSCW 2017 Technical Papers Program. This year’s conference continues CSCW’s tradition of being the premier forum for presentation of research on leading edge topics in computer-supported cooperative work and social computing.

The call for papers attracted submissions from Asia, Canada, Australia, Europe, Africa, and the United States. This year CSCW received 530 submissions, of which 265 (50%) were invited to revise and resubmit. The program committee met in New York in early September, 2016 and finally accepted 183 papers (34.5%).

A Best of CSCW 2017 committee (chaired by Myriam Léwikowicz and Irina Shklovskis) selected 6 papers for the “Best Paper” designation, and 18 papers for “Honorable Mention.” These are identified in the program with distinctive icons. In addition, the Lasting Impact committee (chaired by Irene Greif) selected Mobility in Collaboration by Paul Luff and Christian Heath, originally published at CSCW 1998, for recognition. These authors will make a special presentation in a plenary session on Tuesday.

Putting together the CSCW 2017 papers program was a team effort. Many thanks to Mor Naaman in his special role this year as Systems Subcommittee Chair. We are also grateful to our hardworking program committee who gave generously of their time to manage the review process and provide feedback to authors. Thanks to Cornell Tech for hosting the program committee meeting as well as Ross McLachlan for local arrangements and student volunteers Xiao Ma, Cheng-Kang Hsieh, Brian McInnis, Brittany Nikoukou, and Drasho Naklij. We hope that you will find this year’s program compelling and thought-provoking, and that the conference will provide you with many opportunities to share ideas with other researchers and practitioners from institutions around the world.

Steve Poltrock
CSCW 2017 General Chair
Retired, USA

Charlotte P. Lee
CSCW 2017 General Chair
University of Washington, USA

Wendy Kellogg
CSCW 2017 Papers Chair
IBM Research (Emerita),
United States

Louise Barkhuus
CSCW 2017 Papers Chair
The IT University of Copenhagen,
Denmark

Marcos Borges
CSCW 2017 Papers Chair
Universidade Federal do Rio de Janeiro, Brazil
GENERAL INFORMATION & POLICIES

BEST OF CSCW AWARDS
Congratulations to award winners and nominees for their outstanding contributions to CSCW 2017 and to our field! The SIGCHI Best of CSCW awards honor exceptional submissions to SIGCHI-sponsored conferences. The Program Committee nominated submissions for consideration by the Best of CSCW Committee. The Best of CSCW committee then reviewed all nominations and chose submissions to receive the Honorable Mention designation and the Best Paper designation. This year, 18 papers were selected for the Honorable Mention award and 6 papers were selected for the Best Paper Award. Look for these two icons next to the papers and notes that have been chosen for an award.

CSCW 2017 Best Paper, Awarded by SIGCHI
CSCW 2017 Honorable Mention Award, Awarded by SIGCHI

REGISTRATION
LOCATION: FOYER

STUDENT VOLUNTEERS
Student Volunteers are a great source of information about the conference. They help give the conference a friendly, helpful face and work hard to assist during the whole conference. Many are working on their Masters or Ph.D.s and some are looking for job or internship opportunities. Please be courteous to them and feel free to ask them questions. You can identify Student Volunteers by their colorful t-shirts.

BLOGGING, TWEETING, PHOTOGRAPH AND SLIDE SHARING
CSCW encourages conference participants to blog and tweet about CSCW before, during, and after the event. To allow others to easily find your posts, please add the category or keyword “CSCW2017” to your blog entries and use the hash tag “#cscw2017” for your tweets. We also encourage sharing your photographs of the conference via your selected online photo service. Again, please add the tag “CSCW2017” to your photos. Similarly, we encourage conference presenters to upload slides of their presentations to an online slide sharing service using the tag “CSCW2017”.

RECORDING PROHIBITED
The use of any type of audio or video recording device is not permitted during any part of the conference. The use of still cameras is permissible.

ACM AND SIGCHI
CSCW 2017 is sponsored by ACM’s Special Interest Group on Computer-Human Interaction (ACM SIGCHI). ACM, the Association for Computing Machinery, is an educational and scientific society uniting the world’s computing educators, researchers, and professionals to inspire dialogue, share resources, and address the field’s challenges. Visit acm.org for more information about the ACM.

SIGCHI is the premier international society for professionals, academics, and students who are interested in human technology and human-computer interaction (HCI). SIGCHI provides a forum for the discussion of all aspects of HCI through conferences, including the flagship CHI conference, publications, web sites, email discussion groups, courses, workshops, outreach and other services. Members can also be involved in HCI-related activities with others in their region through local SIGCHI chapters. Visit sigchi.org to learn more about SIGCHI.

CONFERENCE ONLINE SCHEDULING
Confer helps you build a personal schedule for conferences you are attending. It helps you decide where to spend your time by providing social recommendations based on your interests.
confer.csail.mit.edu/cscw2017/papers

Saturday   8:00am - 3:00pm
Sunday    8:00am - 6:00pm
Monday    8:00am - 6:00pm
Tuesday   8:00am - 6:00pm
Wednesday 8:00am - 12:00pm
REVIEWER MENTOR PROGRAM

Through the Reviewer Mentor Program, students wrote CSCW reviews with guidance from senior reviewers. Thank you to the mentors and mentees who participated in the program.

MENTEES
Angela Di Fiore, University of Trento
Robert Soden, University of Colorado
Francisco J. Gutierrez, University of Chile
Clara Marques Caldeira, U. Coimbra
Xi Ruo, Illinois Institute of Technology
Karen Boyd, University of Maryland
Melissa Bica, Cornell University
Lindsay Blackwell, Illinois Institute of Technology
Carol Schmitz, Illinois Institute of Technology
Scott Brown, University of New South Wales
Wendy Norris, University of Colorado
Shruti Samson, Cornell University
Vincent Huang, Hong Kong Baptist University
Eunjeong Cheon, University of Korea
Robyn Schirmer, Cornell University
Nicole Sundin, University of Maryland
Xinyang Guo, UC Irvine
Nan-Chen Chen, University of Washington
Jin-Hong Wang, Virginia Tech.
Zheng Yao, Cornell University
Julie Haney, University of Maryland
Yuanyuan Feng, University of Maryland
Majid Dineh, University of Houston
TaeEun Ammar, University of Michigan
Carol Moser, University of Michigan
Lindsay Blackwell, University of Michigan
Niloufar Salehi, Stanford University
Eunyoung Moon, University of Texas
Tansuhree Mitra, George Tech
Tommy Nilsson, University of Nottingham
Esra Aflahi, University of South Florida
Kerem Ozcan, University of Washington
Leah Kulp, Cornell University
Bryan Dosono, Syracuse University

POSTER REVIEWERS

Alessandra Agostini
Samir Aknine
Majdah Alshehri
Morgan Ames
Nazarena Andrade
Gabriela Avram
Amos Azaria
Shri Arunkot
Eric Baumer
Victoria Bellotti
Carla Berkenbrock
Perinne Bjorn
Marco Borge
Shann Bossaller
Federico Botella
Robin Brewer
Jonathan Brier
Claire Caldeira
Karina Caro
Thais Castro
Justin Cheng
Lydia Chilton
Tamara Clegg
Gilbert Cockton
Emily Collins
Lucas Franco Colosso
Anna Cox
Gabriel Cubberson
Sarah D’Angelo
Sayamindu Dasgupta
Kadan Davis
Munmin De Choudhury
Jordan Aiko Deja
Camille Dickson-Deane
Steven Dow
Ethan Fast
Jesus Favela
Robert Ferguson
Renato A. Ferreira
Casey Fiedler
Fernando Figuereido Filho
Flavio Figuereido
Geraldine Fitzpatrick
Andrea Forte
Juliana Franca
Andre Freire
Ana Cristina Garcia
Dragan Gasevic
Isabela Gasparini
Marco Gerosa
Nitesh Goyal
Colin Gray
Catherine Greve
Joseph Griffin
Carla Griggio
Shion Guha
Casper Hartzfeld
Elaine Hayashi
Yuroh He
Brent Hecht
Jeff Hemsley
Shah Rukh Humayoun
Ke Hu
Katherine Isbister
Ghita Jalal
Wafa JOMAL
Brian Keegan
Ryan Kelly
Jeeun Kim
Simon Knight
Marina Kogan
Yong Ming Kow
Markus Krause
Ranjay Krishna
Jessica Kropczyński
Cliff Lampe
Ari Lampinen
Sang-su Lee
Gilly Leshed
Noha Liebman
Kwan Hui Lim
Christian Loew
Isaana Lykourentzou
Douglas Macharet
Rui Madeira
Walid Magdy
Joseph Maguire
Scott Mainwaring
Andrèe Matvienko
Sarah McRoberts
Anthony Millon
Alex Mitchell
Andres Monroy-Hernandez
Ingrid Monteiro
Heather Moulaison-Sandy
Fernando Mourão
Alison Murphy
Carmen Neustaedter
Jeffrey Nickerson
Sergio Ochoa
Jonice Oliveira
Nigini Oliveira
Jacki O’Neill
Leyla Palen
Katrina Panovich
Lucas Pereira
Roberto Pereira
Anithy Perritano
Marcelo Pimenta
Heman Pohrt
Vijay Rajanna
Alberto Raposo
Noopur Raval
Yuqing Ren
Philipe Renrevei Gonin
David Robb
Leonardo Roche
Luziana Salgado
Shruti Sannon
Aleksandra Sarcevic
Kirsten Schuster
H. Andrew Schwartz
Alexander Serberbrenik
Amy Shannon
Patrick Shih
Carla Simone
Klaasjan Stol
Brett Stoll
Christian Strum
Zachary Toups
Giovanni Troiano
Elsa Tuler
Sven Turpe
Maarten Van Mechelen
Bogdan Vaselescu
Maya venkatraman
Neno Verdesoto
Vaninha Vieira
Maria Villela
Adriana Vivaçua
Romain Vuillermot
Torben Wallbaum
Gang Wang
Jeyu Wang
Jingyu Wang
Wenbo Wang
Mark Whiting
Wani Xing
Haozhi Zhang
Yuhang Zhao
Jingjie Zheng
Sharon Zhou
SATURDAY, 25 FEBRUARY

WORKSHOPS
(Join any workshop or colloquium requires prior approval of the organizers.)

15th International Workshop on Collaborative Editing Systems
Location: Ross Island
Michael S. MacFadden, Solave Inc.
Agustina Ng, Hangyang Technical University, Singapore
Ning Gu, Fudan University, Shanghai, China
Chengzheng Sun, Hangyang Technical University, Singapore

Crowdsourcing Law and Policy: A Design-Thinking Approach to Crowd-Civic Systems
Location: Morrison
Brian McNitti, Cornell University
Marta Poblet, RMIT University
Alissa Centivany, University of Western Ontario
Karen Levy, Cornell University
Juhou Kim, Cornell University
Gilly Leshed, Cornell University

Hacking and Making at Time-Bounded Events: Current Trends and Next Steps in Research and Event Design
Location: Sellwood
Anna Filipova, Carnegie Mellon University
James D. Herbsleb, Carnegie Mellon University
Arun Kalyanasundaram, Carnegie Mellon University
Erik Trainor, Carnegie Mellon University
Brad Chapman, Harvard University
Aurelia Moser, Mozilla Foundation
R. Stuart Geiger, University of California, Berkeley
Arlin Zolitzus, University of Maryland

Theory Transfers? Social Theory and CSCW research
Location: Hawthorne
Susann Wagenknecht, University of Siegen
Ingrid Erickson, Syracuse University
Carsten Bösterlund, Syracuse University
Melissa Mazmanian, UC Irvine
Pernille Bjorn, University of Copenhagen

In Whose Best Interest? Exploring the Real, Potential, and Imagined Ethical Concerns in Privacy-Focused Agendas
Location: Holmey
Pamela Wisniewski, University of Central Florida
Jessica Vitak, University of Maryland
Xinru Page, Bentley University
Bart Knijnenburg, Eindhoven University
Yang Wang, Syracuse University
Casey Flesler, University of Colorado Boulder

CSCW in China and Beyond
Location: Mt. Hood
Ning Gu, Fudan University, China
Xianghua (Sharon) Ding, Fudan University, China
Tun Lu, Fudan University, China
Mark Ackerman, University of Michigan, Ann Arbor, USA

Imagining Intersectional Futures: Feminist approaches in CSCW
Location: Mt. St. Helens
Sarah Fox, University of Washington
Amanda Menking, University of Washington
Stephanie Steinhardt, Cornell University
Anna Lauren Hoffman, University of California, Berkeley
Shaowen Bardzell, Indiana University

2:00PM-5:00PM
DOCTORAL COLLOQUIUM
Introductory session
Location: Broadway/Weidler

SATURDAY, 26 FEBRUARY

WORKSHOPS
(Join any workshop or colloquium requires prior approval of the organizers.)

The Science of Citizen Science: Theories, Methodologies and Platforms
Location: Ross Island
Edith Law, University of Waterloo
Alex Williams, University of Waterloo
Jennifer Shirk, Cornell University
Andrea Wiggins, U. of Maryland College Park
Jonathan Brier, U. of Maryland College Park
Jenny Preece, U. of Maryland College Park
Greg Newman, Colorado State University

Robots in Groups and Teams
Location: Morrison
Malte F. Jung, Cornell University
Selma Sabanovic, Indiana University
Friederike Eysell, Birkbeck University
Marlina Fraune, Indiana University

Reflection on Design Methods for Underenvserved Communities
Location: Sellwood
Tawanna Dillahunty, University of Michigan
Aarti Israni, Delft University
Sheena Erte, Delft University
Denise Nacu, Delft University
Roxana Galusca, Senseonics Tech Collective
Phoebe Sengers, Cornell University

E-Infrastructures for Research Collaboration: The Case of the Social Sciences and Humanities
Location: Hawthorne
Matthias Korn, University of Siegen
Maren Schorch, University of Siegen
Volkmar Pipik, University of Siegen
Matthew Bietz, University of California, Irvine
Carsten Bösterlund, Syracuse University
Rob Procter, University of Warwick
David Ribes, University of Washington
Robin Williams, The University of Edinburgh

Advanceding the Open Collaboration Data Exchange (OCDX): Building a Social Computing Infrastructure
Location: Holmey
Sean Goggins, University of Missouri
Matt Germonprez, University of Nebraska-Omaha
A.J. Million, University of Missouri
Aaron Halfaker, Wikimedia Foundation
Libby Hemphill, Illinois Institute of Technology

Conceptualizing, Creating, & Controlling Constructive and Controversial Comments: A CSCW Research-athon
Location: Mt. Hood
Eric Gilbert, Georgia Institute of Technology
Cliff Lampe, University of Michigan
Alex Leavitt, University of Southern California; Facebook
Katherine Lo, University of California Irvine
Lana Yarosh, University of Minnesota

Talking with Conversational Agents in Collaborative Action
Location: Mt. St. Helens
Martin Porcheron, University of Nottingham, UK
Joel E. Fischer, University of Nottingham, UK
Moira McGregor, University of Stockholm, Sweden
Barry Brown, University of Stockholm, Sweden
Ewa Luger, University of Edinburgh, UK
Helois Candelotto, ABC Research Lab, Brazil
Kenton O’Hara, Microsoft Research, UK
DOCTORAL COLLOQUIUM
Location: Broadway/Weidler
The Doctoral Colloquium is a forum in which Ph.D. students meet and discuss their work with each other and with a panel of experienced CSCW researchers and practitioners. Students are selected to participate in the colloquium through a competitive review process. The colloquium will begin Saturday afternoon and continue all day Sunday.

DOCTORAL COLLOQUIUM MENTORS
Daniel Avrahami, FXPAL
Mary Czerwinski, Microsoft Research
Eric Gilbert, Georgia Institute of Technology

DOCTORAL COLLOQUIUM PARTICIPANTS
Understanding popularity of social media entities: from hashtags to question topics
Suman Kalyan Maiti, Indian Institute of Technology Kharagpur

Personal Health Tracking Technologies in Practice
Nanna Gorm, IT University of Copenhagen

Deploying Pervasive Sensing for Evidence-Based Management, Services and Sustainable Policy
Sam Finnigan, Newcastle University

Understanding New Parents’ Navigation Practices in Healthcare
Xinning Gui, University of California, Irvine

Casting a Feminist Eye on Public Infrastructure
Sarah Fox, University of Washington

Manifesting the Cyborg via Techno-Body Modification: From Human Computer Interaction to Integration
Lauren Britton, Syracuse University

No Wrong Door: Designing Systems to Foster Collaboration in Support of Child Development
Sean Mikles, University of Washington

Motivations for Participating in Online Initiatives: Exploring Contributory Behaviour Across Initiative Types
Sarah Gilbert, University of British Columbia

Supporting Information Needs of Transitional Phases in Diabetes Management Through Online Health Communities
Jing Zhang, University of California, San Diego

Enhancing Visibility of Distance Learners To Promote Community
Na Sun, Pennsylvania State University

Knowing the Audience in the Information Age: Big Data and Social Media in the US Television Industry
Annemarie Navar-Gill, University of Michigan

Crisis Informatics in the Anthropocene: Disasters as Matters of Care and Concern
Robert Soden, University of Colorado, Boulder

Understanding Opportunities for LBPHDs to Build Social Capital in Urban Communities
Emily Sun, Cornell Tech

Investigating Users’ Understanding of Invisible Algorithms and Designing around It
Motahhare Esalamimodiabadi, University of Illinois at Urbana-Champaign

Augmenting media literacy with automatic characterization of news along pragmatic dimensions
Miriam Boon, Northwestern University

5:00-7:00PM
WELCOME RECEPTION FOR ALL
Location: Multnomah/Holladay
Come see old friends and make new ones at a reception welcoming all of us to Portland and CSCW 2017 sponsored by IBM Research. See Page 2.
A Parsimonious Language Model of Social Media Credibility Across Disparate Events
Tanushree Mitra, Georgia Institute of Technology, United States
Graham Wright, Georgia Institute of Technology, United States
Eric Gilbert, Georgia Institute of Technology, United States

Knowledge Sharing in Online Discussion Threads: What Predicts the Ratings?
Yuyang Liang, Michigan State University, United States

A Closer Look at the Self-Correcting Crowd: Examining Corrections in Online Rumors
Ahmer Arif, University of Washington, United States
John Robinson, University of Washington, United States
Stephanie Stanek, University of Washington, United States
Eldie Fichter, University of Washington, United States
Paul Townsend, University of Washington, United States
Zena Worku, University of Washington, United States
Kate Starbird, University of Washington, United States

AGENTs, ROBOTS & THE WIZARD OF Oz
11:00am-12:30pm @ Mt. St. Helens
Session Chair: Joel Fischer, University of Nottingham

Woz Way: Enabling Real-time Remote Interaction Prototyping & Observation in on-road Vehicles
Nikolas Mantelaro, Stanford University, United States
Wendy Jia, Stanford University, United States

Bots as Virtual Confederates: Design and Ethics
Peter Krafft, MIT, United States
Michael Macy, Cornell University, United States
Alex Pentland, MIT, United States

Configuring the User: “Robots have Needs Too”
Eunjong Cheon, Indiana University Bloomington, United States
Norman Su, Indiana University Bloomington, United States

“Do Animals Have Accents?: Talking with Agents in Multi-Party Conversation
Martin Porcheron, The University of Nottingham, United Kingdom
Joel Fischer, The University of Nottingham, United Kingdom
Sarah Sharples, Nottingham, United Kingdom

COFFEE BREAK
10.30-11.00am @ Foyer

LOCATIONS & RELATIONS
11:00am-12:30pm @ Three Sisters
Session Chair: Mor Naaman, Cornell Tech

Trust Your Heart: Assessing Cooperation and Trust with Biosignals in Computer-Mediated Interactions
Nick Merrill, University of California Berkeley, United States
Coye Cheshire, University of California Berkeley, United States

Constructing a Desiring User: Discourse, Rurality, and Design in Location-Based Social Networks
Jean Hardy, University of Michigan, United States
Silvia Lindtner, University of Michigan, United States

People-Nearby Applications: How Newcomers Move Their Relationships Offline and Develop Social and Cultural Capital
Joey Chiao-Yin Hsiao, University of Michigan, United States
Tawanna Dillahunty, University of Michigan, United States

What Happens in happn: The Warranting Powers of Location History in Online Dating
Xiao Ma, Cornell Tech, United States
Emily Sun, Cornell Tech, United States
Mor Naaman, Cornell Tech, United States

COMmUNICATION, COUPLES, & CONTROL
11:00am-12:30pm @ Mt. Bachelor
Session Chair: John Thomas, Independent

Parental Control vs. Teen Self-Regulation: Is There a Middle Ground for Mobile Online Safety?
Pamela Wisniewski, The University of Central Florida, United States
Arup Kumar Ghosh, University of Central Florida, United States
Mary Beth Rosson, Pennsylvania State University, United States
Heng Xu, The Pennsylvania State University, United States
John Carroll, The Pennsylvania State University, United States

Demanding by Design: Supporting Effortful Communication Practices in Close Personal Relationships
Ryan Kelly, University of Bath, United Kingdom
Daniel Gooch, The Queen University, United Kingdom
Bhagyasrih Patel, University of Bath, United Kingdom
Leon Watts, University of Bath, United Kingdom

In Your Eyes: Anytime, Anywhere Video and Audio Streaming for Couples
Uddipana Balishta, Simon Fraser University, Canada
Carman Neustadter, Simon Fraser University, Canada

Flex-N-Feel: The Design and Evaluation of Emotive Gloves for Couples to Support Touch Over Distance
Samarth Singhal, Simon Fraser University, Canada
Carman Neustadter, Simon Fraser University, Canada
Yee Loong Ooi, Simon Fraser University, Canada
Alissa Antle, Simon Fraser University, Canada
Brendan Matkin, Simon Fraser University, Canada

CONTENT QUALITY
11:00am-12:30pm @ Mt. Hood
Session Chair: Haiyi Zhu, University of Minnesota

Shaping PrO and Anti-Social Behavior on Twitter Through Moderation and Example-Setting
Joseph Seering, Carnegie Mellon University, United States
Robert Kraut, Carnegie Mellon University, United States
Laura Dabillish, Carnegie Mellon University, United States

How might bots and conversational intelligence change the way we work and socialize, and lead us to rethink the computing experience? Why now?

Inspired by online life in China and WeChat we have learned many lessons, both by building advanced bots such as Xiaoice/China, Rina/N Japan, and Tay-Zo/US, and by providing the Bot Framework and Cognitive Services to develop a conversational experience. While it’s early days for AI, what are actionable challenges and opportunities in the area of conversational intelligence, and how can bots and language understanding help improve the way we collaborate and work together?

Lili Cheng is a Distinguished Engineer and General Manager in Microsoft Artificial Intelligence and Research (AI&R), focusing on conversational experiences, bots, and intelligence systems.

Lili’s team is responsible for the Microsoft Bot Framework, part of Cortana Intelligence, and bringing together community of bot creators, channels, tools and AI experts in events such as Botconf, Microsoft Research’s Design Expo, and the Social Computing Symposium.

Previously, Lili was Director of User Experience for Microsoft Windows and also worked in Apple Computer’s Advanced Technology Group, on the User Interface research team, where she focused on Quicktime Conferencing and Quicktime VR. Lili worked in Tokyo and also worked in Apple Computer’s Advanced Technology Group, on the User Interface research team, where she focused on Quicktime Conferencing and Quicktime VR. Lili was born in Tokyo, is married with three boys, and lives in Bellevue Washington.
CREATIVITY - SUPPORTING COLLABORATION

11:00am-12:30pm @ Ross Island/Morrison
Session Chair: Amy Bruckman, George Institute of Technology

Agile Research Studios: Orchestrating Communities of Practice to Advance Research Training
Huanchun Shi, Tsinghua University, China
Shichao Yue, Tsinghua University, China
Yeshuang Zhu, Tsinghua University, China
CEPT: Collaborative Editing Tool for Non-Session Chair: Brent Hetcht, University of Washington, United States

LANGUAGE MATTERS

11:00am-12:30pm @ Hawthorne/Selwood
Session Chair: Brent Hetch, Northwestern University
CEPT: Collaborative Editing Tool for Non-Native Authors
Yeshuang Zhu, Tsinghua University, China
Shichao Yue, Tsinghua University, China
Chun Yu, Tsinghua University, China
Yuanchun Shi, Tsinghua University, China

MONDAY
Parents Just Don’t Understand: Why Teens Don’t Talk to Parents about Their Online Risk Experiences

Pamela Wisniewski, The University of Central Florida, United States
Heng Xu, The Pennsylvania State University, United States
Mary Beth Rosson, Pennsylvania State University, United States
John Carroll, The Pennsylvania State University, United States

LEAVE ME ALONE: PRIVACY & NOTIFICATIONS

“Don’t Bother Me. I’m Socializing!”: A Breakpoint-Based Smartphone Notification System

Chunjong Park, KAIST, Republic of Korea
Junsung Lim, KAIST, Republic of Korea
Juho Kim, KAST, Republic of Korea
SungJu Lee, KAST, Republic of Korea
Dongman Lee, KAST, Republic of Korea

Viewing the Viewers: Publishers’ Desires and Viewers’ Privacy Concerns in Social Networks

Robert Hoyle, Indiana University, United States
Srijita Das, Indiana University, United States
Apu Kapadia, Indiana University, United States
Adam Lee, University of Pittsburgh, United States
Kam Vaniea, The University of Edinburgh, United Kingdom

What (or Who) Is Public? Privacy Settings and Social Media Content Sharing

Casey Fiesler, University of Colorado, United States
Michaelanne Dye, Georgia Institute of Technology, United States
Jessica Feuston, Northwestern University, United States
Chaya Hiruncharoenvate, Georgia Institute of Technology, United States
C.J. Hutto, Georgia Institute of Technology, United States
Parisa Khanipour Roshan, Georgia Institute of Technology, United States
Umashanthi Pavalanathan, Georgia Institute of Technology, United States
Amy Bruckman, Georgia Institute of Technology, United States
Munmun De Choudhury, Georgia Institute of Technology, United States
Eric Gilbert, Georgia Institute of Technology, United States

Susceptibility to Social Influence of Privacy Behaviors: Peer versus Authoritative Sources

Tamir Mendel, Tel Aviv University, Israel
Eran Toch, Tel Aviv University, Israel

DESIGN - SUPPORTING COLLABORATION

2:30-4:00pm @ Hawthorne/Sellwood

Session Chair: Heloisa Candellino, IBM Research Brazil

IdeaWall: Improving Creative Collaboration through Combinatorial Visual Stimuli

Yang Shi, Central South University, China
Yang Wang, University of California Davis, United States
Ye Qi, Tsinghua University, China
John Chen, University of California Davis, United States
Xiaoayu Xu, Tsinghua University, China
Kwan-Liu Ma, University of California Davis, United States

Material Vision

Melanie Feinberg, University of North Carolina at Chapel Hill, United States

Fostering Cooperative Activism through Critical Design

Maria Menendez, University of Trento, Italy
Pernille Bjorn, University of Copenhagen, Denmark
Antonella De Angeli, University of Trento, Italy

Design Breakdowns: Designer-Developer Gaps in Representing and Interpreting Interactive Systems

Noiwnn Maudet, UJI, Universitat Politècnica de València, Spain
Germán Leiva, UJI, Universitat Politècnica de València, Spain
Michel Beaudouin-Lafon, UJI, Universitat Politècnica de València, Spain
Wendy Mackay, Inria, Université Paris-Saclay, France

COFFEE BREAK

4:00-4:30pm @ Foyer

OVERCOMING BARRIERS

4:30-6:00pm @ Three Sisters

Session Chair: Gilly Leshed, Cornell University

Socially Embedded Work: A Study of Wheelchair Users Performing Online Crowd Work in China

Xianghua Ding, Fudan University, China
Patrick Shih, Indiana University Bloomington, United States
Ning Gu, Fudan University, China

Going Gray, Failure to Hire, and the Ick Factor: Analyzing How Older Bloggers Talk about Ageism

Amanda Lazar, Northwestern University, United States
Mark Diaz, Northwestern University, United States
Robin Brewer, Northwestern University, United States
Chelsea Kim, Northwestern University, United States
Anne Marie Piper, Northwestern University, United States

The Impact of Assistive Technology on Communication Quality Between Deaf and Hearing Individuals

Jan Gugenheimer, Ulm University, Germany
Katrin Pluermann, Ulm University, Germany
Florian Schaub, Carnegie Mellon University, United States
Patrizia Di Campi San Vito, Ulm University, Germany
Saskia Duck, Ulm University, Germany
Melanie Rabus, Ulm University, Germany
Enrico Rukzio, Ulm University, Germany

AACrobat: Using Mobile Devices to Lower Communication Barriers and Provide Autonomy with Gaze-Based AAC

Alexander Fiannaca, University of Washington, United States
Ann Paradiso, Microsoft Research, United States
Mira Shah, Microsoft Research, United States
Meredith Morris, Microsoft Research, United States

THE PRESENTATION OF SELF IN EVERYDAY MEDIA

4:30-6:00pm @ Mt. Bachelor

Session Chair: Jed Brubaker, University of Colorado

Photo Sharing in the Arab Gulf: Expressing the Collective and Autonomous Selves

Norah Abdohdair, University of Washington, United States
Adam Hodges, Carnegie Mellon University-Qatar, Qatar
Sarah Vieweg, Qatar Computing Research Institute, Qatar

Impression Management in High Context Societies: ‘Saving Face’ with ICT

Bryan Semaan, Syracuse University, United States
Bryan Dosono, Syracuse University, United States
Lauren Britton, Syracuse University, United States

Understanding Feedback Expectations on Societies: ‘Saving Face’ with ICT

Mor Naaman, Jacobs Institute, Cornell Tech, New York, New York, United States

Platforms, People, and Perception: Using Affordances to Understand Self-Presentation on Social Media

Devinfico, Northwestern University, United States
Jeremy Birnholtz, Northwestern University, United States
Jeff Hancock, Stanford University, United States

PANEL 1: SOCIAL JUSTICE AND DESIGN: POWER AND OPPRESSION IN COLLABORATIVE SYSTEMS

4:30-6:00pm @ Mt. Hood

Sarah Fox, University of Washington, United States
Jill Dimond, Sassafras Tech Collective, United States
Lily Irani, University of California San Diego, United States
Tad Hirsch, University of Washington, United States
Michael Muller, IBM Research, United States
Shaowen Bardzell, Indiana University Bloomington, United States

The study of power and oppression is and has always been integral to CSCW research. From studies of less visible forms of maintenance practice to understanding the effects of categorization on users of social media, scholars highlight the ways in which certain publics are marginalized through systems that purport to serve them. Alongside this, researchers taking up participatory action research approaches and interventionist modes of inquiry have begun to question these arrangements, through design oriented projects.

This panel brings together CSCW scholars active in theorizations and enactments of design for social justice to examine and debate social change oriented research. Together, they imagine a practice where agendas are made clear and academic institutions, collaborators of field sites, and the scholarly community are mutually responsive and responsible for the outcomes of their research work.

VIVA LA VIDEO

4:30-6:00pm @ Mt. St. Helens

Session Chair: Franklin Bentley, Yahoo!

The Art and Science of Persuasion: Not All Crowdfunding Campaign Videos Are Same

Saracinta Day, University of Va Tech/Blacksburg, United States
Brittany Duff, University of Illinois at Urbana-Champaign, United States
Karrie Karahalios, University of Illinois at Urbana-Champaign, United States
Wai-Tat Fu, University of Virginia at Blacksburg, United States

"Don’t Bother Me. I’m Socializing!”: A Breakpoint-Based Smartphone Notification System

Chunjong Park, KAIST, Republic of Korea
Junsung Lim, KAIST, Republic of Korea
Juho Kim, KAST, Republic of Korea
SungJu Lee, KAST, Republic of Korea
Dongman Lee, KAST, Republic of Korea
WHAT WORKS IN CROWD WORK
4:30-6:00pm @ Hawthorne/Sellwood
Session Chair: Chinmay Kulkarni, Carnegie Mellon University
Deep Structures of Collaboration: Physiological Correlates of Collective Intelligence and Group Satisfaction
Prerna Chikarsel, Carnegie Mellon University, United States
Maria Tomprou, Carnegie Mellon University, United States
Young Ji Kim, Massachusetts Institute of Technology, United States
Anita Woolley, Carnegie Mellon University, United States
Laura Dabbish, Carnegie Mellon University, United States
A Glimpse Far into the Future: Understanding Long-term Crowd Worker Quality
Kenji Hata, Stanford University, United States
Ranjay Krishna, Stanford University, United States
LI Fei-Fei, Stanford University, United States
Michael Bernstein, Stanford University, United States
Collaboration Trumps Homophily in Urban Mobile Crowdsourcing
Thivya Kandappu, Singapore Management University, Singapore
Archana Mistry, Singapore Management University, Singapore
Randi Tandrianyah, Singapore Management University, Singapore
Diminished Control in Crowdsourcing: An Investigation of Crowdworker Multitasking Behavior (TOCHI-2014-0096.R3)
Sandy J. J. Gould, University College London, United Kingdom
Anna L. Cox, University College London, United Kingdom
Duncan P. Brumby, University College London, United Kingdom
POSTER & DEMO RECEPTION
6:00-8:00pm @ Multnomah / Holladay
Sponsored by: Facebook
POSTERS
GBER: A Social Matching App which Utilizes Time, Place, and Skills of Workers and Jobs
Shoma Arita, The University of Tokyo
Atsushi Hiyama, The University of Tokyo
Michtaka Hirose, The University of Tokyo
Design of a Home Telepresence Robot System for Supporting Childcare
Dante Arroyo, University of Tsukuba
Yuichi Ishiguro, University of Tsukuba
Fumihide Tanaka, University of Tsukuba
How Developers Make Design Decisions about Users’ Privacy: The Place of Professional Communities and Organizational Climate
Gautam Ayalon, Tel Aviv University
Eran Toch, Tel Aviv University
Irit Hadar, University of Haifa
Michael Birnholz, Tel Aviv University
Understanding the Unique Online Challenges Faced by Teens in the Foster Care System
Karla A Badillo-Urquiano, University of Central Florida
Arup Kumar Ghosh, University of Central Florida
Pamela Wisniewski, University of Central Florida
Getting Traction When Overwhelmed: Implications for Supporting Patient-Provider Communication
Andrew BL Berry, University of Washington
Catherine Lim, Group Health Research Institute
Tad Hirsch, University of Washington
Andrea L. Hartzier, Group Health Research Institute
Edward H Wagner, Group Health Research Institute
Evette Ludman, Group Health Research Institute
James D Ralston, Group Health Research Institute
Possible Confounds in Word-based Semantic Similarity Test Data
Malay Bhattacharyya, Indian Institute of Engineering Science and Technology
Yoshishige Suhara, National Institute of Technology
Md Mustaizur Rahaman, University of Texas at Austin
Markus Krause, University of California, Berkeley
Supporting Environmental Stewards’ Needs with Technology
Carol Boston, University of Maryland
Tamara Clegg, University of Maryland
Daniel Pauw, University of Maryland
Jennifer Preece, University of Maryland
Elizabeth Warrick, University of Maryland
Mary Lou Maher, University of North Carolina
Kazjon Graci, University of North Carolina
Sarah Abdellahi, University of North Carolina
Tom Yeh, University of Colorado
Jacqueline Cameron, University of Colorado
Standing on the Shoulders of Peers: Tournament-Style Remixing in Project Courses
Julia Cambre, University of California, San Diego
Scott Klemmer, University of California, San Diego
H-Slate: A Hybrid Braille Slate Soft Keyboard for Touchscreen Devices
Luis Cavazos Quero, Sungkyunkwan University
Garam Lee, Sungkyunkwan University
Jing Yang, Sungkyunkwan University
Jundong Cho, Sungkyunkwan University
Gravity Spy: Humans, Machines and The Future of Citizen Science
Kevin Crowston, Syracuse University
Unobtrusive Note Taking: Enriching Digital Interpersonal Interactions Using Gestures
Marc Exposito, MIT
Vicky Zeamer, MIT
Pattie Maes, MIT
Attitudes About “Fair Use” and Content Sharing in Social Media Applications
Cori Faklaris, Indiana University
Sara Hook, Indiana University
Eliminate Misunderstandings: Measuring Virtual Team Members as Organizational Citizens
Xinyu Fu, Renmin University of China
Examining Parents’ Technical Mediation of Teens’ Mobile Devices
Arup Kumar Ghosh, University of Central Florida
Karla Badillo-Urquiano, University of Central Florida
Heng Xu, Pennsylvania State University
Mary Beth Rosson, Pennsylvania State University
John M. Carroll, Pennsylvania State University
Pamela Wisniewski, University of Central Florida
Scalable Crowd Ideation Support through Data Visualization, Mining, and Structured Workflows
Vctor Girotto, Arizona State University
Erin Walker, Arizona State University
Winslow Burleson, New York University
Beyond Knowledge Acquisition: Medical Device Training as a Competitive Process
Tobias Grundgeiger, Julius Maximilian University of Würzburg
Julian Hestert, Julius Maximilian University of Würzburg
Volker Held, Medical Mission Hospital
Jörn Hurtienne, Julius Maximilian University of Würzburg
**MONDAY**

**Negative Electronic Word-of-mouth Can Support Product Recommendation: Experimental Investigation**
Yugo Hayashi, Ritsumeikan University
Sayuri Kajiwara, Ritsumeikan University
Ryo Orita, Ritsumeikan University

**Can AI Become Reliable Source to Support Human Decision Making in a Court Scene?**
Yugo Hayashi, Ritsumeikan University
Kosuke Wakabayashi, Ritsumeikan University

**Conceptualization of Computer-Supported Collaborative Sensemaking**
Ming-Tung Hong, Free University of Berlin
Claudia Mueller-Birn, Free University of Berlin

**Automatic Extraction of Discussion Based on Sentence Type Estimation**
Yuto Hoshikawa, University of Tsukuba
Kei Wakabayashi, University of Tsukuba

**Attribution Apprehension, Automated Attribution, and Creative Integration**
Elahe Javadi, Azma State University
Jianwei Lai, Illinois State University

**A Collaborative Visualization Tool to Support Doctors’ Shared Decision-Making on Antibiotic Prescription**
Weina Jin, Simon Fraser University
Carman Neustaedter, Simon Fraser University
Diane Gromala, Simon Fraser University
Xin Tong, Simon Fraser University

**Personas and Scenarios to Design Technologies for North Korean Defectors with Depression**
Hyunggu Jung, University of Washington
Woosuk Seo, University of Washington
Michelle Cha, University of Washington

**HotPi: Open-Source Collaborative Patient Documentation**
Tim Jungnickel, TU Berlin
Juan Cabello, TU Berlin
Klemens Raile, Charité University Medicine Berlin

**The Rise and Fall of Moral Labor in an Online Game Community**
Yubo Koi, Purdue University
Xinting Gui, University of California, Irvine

**Recruiting Messages Matter: Message Strategies to Attract Citizen Scientists**
Tae Kyoung Lee, University of Utah
Kevon Crawston, Syracuse University
Carsten Oesterlund, Syracuse University
Grant Miller, University of Oxford

**Wait, Did You Say No Internet? An Exploratory Study of the Perceived Impact of Internet Outage**
Nicole Lupien, Eastern Connecticut State University
Sukeshini Grandhi, Eastern Connecticut State University
Linda Plotnick, Plotnick Consulting LLC
Rosanne Star Hiltz, New Jersey Institute of Technology

**Socio-Ethnic Ingredients of Social Network Communities**
Tushar Maheshwari, Indian Institute of Information Technology - Sri City
Ashwarya Reganti, Indian Institute of Information Technology - Sri City
Tannoy Chakraborty, University of Maryland
Amritasa Das, Indian Institute of Information Technology - Sri City

**Turnover and the Model of Coordinated Action (MoCA)**
Scott D. Mainwaring, Unaffiliated
Charlotte P. Lee, University of Washington

**Detection of Sockpuppets in Social Media**
Suman Kalyan Maiti, Indian Institute of Technology Kharagpur
Aishik Chakraborty, Indian Institute of Technology Kharagpur
Pawan Goyal, Indian Institute of Technology Kharagpur
Animesh Mukherjee, Indian Institute of Technology Kharagpur

**Testing Ageing Theory among Later Middle-aged and Older Users Using Social Media**
Man Mao, University of Cambridge
David Stillwell, University of Cambridge
Michal Kosinski, Stanford University
David Good, University of Cambridge

**Personal Tasks at Work: An Exploration**
Sarah McRoberts, University of Minnesota
Laura Pfeiffer Vardoulakis, Google

**The Relevance of Theories and Models of Collaboration to Child Development Support Activities**
Sean P Miklos, University of Washington
Hyewon Suh, University of Washington
Julie A Kientz, University of Washington

**Toward an Open Platform for Organized, Gamified Volunteerism**
Lucas Morales, Zeevax, LLC
Travis Mick, Zeevax, LLC
Kurt Lyell, Zeevax, LLC
Alex Fielder, Zeevax, LLC

**Alternative Narratives of Crisis Events: Communities and Social Botnets Engaged on Social Media**
A. Conrad Nied, University of Washington
Leo Stewart, University of Washington
Emma Spira, University of Washington
Kate Starbird, University of Washington

**Puzzle Space: A Distributed Tangible Puzzle for Long Distance Couples**
Rui Pan, Simon Fraser University
Carman Neustaedter, Simon Fraser University
Alissa Antle, Simon Fraser University
Brendan Matkin, Simon Fraser University

**Connecting Affinity Spaces to Places and Back: A Look at Pokemon Go**
Daniel Pauw, University of Maryland
Elizabeth Warrick, University of Maryland
Carol Boston, University of Maryland
Jenny Preece, University of Maryland
Tamara Clegg, University of Maryland

**Action ADE: Enabling Cross-setting Communication to Prevent Adverse Drug Events**
David Peddie, Simon Fraser University
Serena Small, Simon Fraser University
Christine Ackerley, Simon Fraser University
Ellen Balka, Simon Fraser University
Amber Cragg, University of British Columbia
Corinne Hoht, University of British Columbia
Maev Wickham, University of British Columbia

**Development of a Test and Practice Platform for a Time Perception Research**
Cristian Páez Rincón, El Bosque University
Isaac Montoya Guzmán, El Bosque University
Carlos López Ospina, El Bosque University

**Designing the Interplay between Anonymity and Publicity for Online Social Support**
Yang Qin, Cornell University
Bin Xu, Cornell University
Dan Cosley, Cornell University

**Comparing Formal and Informal NPOs’ Use of Facebook and Twitter**
Xi Rao, Simon Institute of Technology
Joshua Guberman, Simon Institute of Technology
Libby Hemphill, Simon Institute of Technology

**Open Secrets and Wrong Rights: Automatic Satire Detection in English Text**
Aishwarya Reganti, Indian Institute of Information Technology - Sri City
Tushar Maheshwari, Indian Institute of Information Technology - Sri City
Amritasa Das, Indian Institute of Information Technology - Sri City
Erik Cambria, Nanyang Technological University

**Beyond Questioning and Answering: Teens’ Learning Experiences and Benefits of Social Q&A Services**
Soo Young Rieh, University of Michigan
Erik Chai, Brainly Inc
Katie Sagan, Brainly Inc
Jennifer Colby, Hana High School, Ann Arbor

**I Know What You Coded Last Summer: Mining Candidate Expertise from GitHub Repositories**
Rohit Saxena, Tata Research Development and Design Centre
Niranjan PedaneKart, Tata Research Development and Design Centre

**Learning in the Open: A Research Agenda for MOOCs**
Eileen Scanlon, The Open University
Patrick McAndrew, The Open University
Tim O’Shea, University of Edinburgh

**BeWithMe: An Immersive Telepresence System for Distance Separated Couples**
Samarth Singhal, Simon Fraser University
Carman Neustaedter, Simon Fraser University

**Worker-Owned Cooperative Models for Training Artificial Intelligence**
Anand Kulkarni, ICS Innovation Labs - TRIDOC
Jonathan Briggs, University of Washington
Anand Kulkarni, University of California, Berkeley
TUESDAY AT A GLANCE

TUESDAY, FEBRUARY 28

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<td>Three Sisters</td>
<td>Work &amp; Production Practices</td>
<td>With a Little Help from My Friends... (CAUTION)</td>
<td>On New &amp; Old Research Methods</td>
<td>ICT4D</td>
<td>Caregiving - Collaborative</td>
<td>Crowd Processes</td>
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<td>Mt. Bachelor</td>
<td>Models &amp; Language in Work &amp; Investment</td>
<td>On New &amp; Old Research Methods</td>
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<td>Caregiving - Collaborative</td>
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<td>Mt. Hood</td>
<td>Panel: CSCW Research Ethics</td>
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<td>Caregiving - Collaborative</td>
<td>Crowd Processes</td>
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Lunch and Birds of a Feather Sessions

TUESDAY, 28 FEBRUARY

EMERGENCY & SAFETY WORK - COLLABORATION AROUND
9:00-10:30am @ Three Sisters
Session Chair: Kate Starbird, University of Washington
Designing for Targeted Responder Models: Exploring Barriers to Respond
Kerem Ozcan, University of Washington, United States
Dawn Jorgenson, Philips Healthcare, United States
Christian Richard, Philips Design, Netherlands
Gary Hsieh, University of Washington, United States

Mobile Collaboration for Human and Canine Police Explosive Detection Teams
Joelle Alcaidinho, Georgia Institute of Technology, United States
Larry Frey, Georgia Institute of Technology, United States
Taylor Kelly, Georgia Institute of Technology, United States
Kayla Marland, Georgia Institute of Technology, United States
Chunhui Wu, Georgia Institute of Technology, United States
Bradley Wittenbrook, Georgia Institute of Technology, United States
Giancarlo Valentini, Georgia Institute of Technology, United States
Melody Jackson, Georgia Institute of Technology, United States

Constructing Common Information Spaces across Distributed Emergency Medical Teams
Zhan Zhang, Drexel University, United States
Aleksandra Sarcevic, Drexel University, United States
Claus Bossen, Aarhus University, Denmark

Collaboration and Awareness Amongst Flight Attendants
Stephanie Wong, Simon Fraser University, Canada
Carman Neustaedter, Simon Fraser University, Canada

WORK & PRODUCTION PRACTICES
9:00-10:30am @ Mt. Bachelor
Session Chair: Wayne Lutters, UMBC
Detailing a Spectrum of Motivational Forces Shaping Nomadic Practices
Aparecido Fabiano Pinatti de Carvalho, University of Siegen, Germany
Luigina Cioffi, Delft University of Technology, United Kingdom
Breda Gray, University of Limerick, Ireland

The Challenge of Enterprise Social Networking (Non-)Use at Work: A Case Study of How to Positively Influence Employees’ Enterprise Social Networking Acceptance
Sven Leaumer, University of Bamberg, Germany
N. Sadat Shamli, IBM, United States
Michael Muller, IBM Research, United States
Werner Geyer, IBM Research, United States

“They’re all going out to something weird”: Workflow, Legacy and Metadata in the Music Production Process
Glenn McGarry, The University of Nottingham, United Kingdom
Peter Tolmie, University of Nottingham, United Kingdom
Steve Benford, Bath, The University of Nottingham, United Kingdom
Chris Greenhalgh, The University of Nottingham, United Kingdom
Alan Chamberlain, The University of Nottingham, United Kingdom

What Did I Ask You to Do, by When, and for Whom? Passion and Compassion in Request Management
Michael Muller, IBM Research, United States
Casey Dugan, IBM Research, United States
Michael Brendeindeer, IBM, Germany
Megan Monroe, IBM Research, United States
Werner Geyer, IBM Research, United States

PANEL 2: CSCW RESEARCH ETHICS
TOWN HALL: WORKING TOWARDS COMMUNITY NORMS
9:00-10:30am @ Mt. Hood
Amy S. Bruckman, Georgia Institute of Technology, United States
Casey Fiesler, University of Colorado Boulder, United States
Jeff Hancock, Stanford University, United States
Cosmin Munteanu, University of Toronto Missisauga, Canada

As technologies as well as research practice evolve, new ethical challenges emerge within the CSCW research community. Currently, norms around what constitutes ethical practice in research are scattered and inconsistent. We face a number of open ethical questions around issues such as informed consent, anonymization, terms of service, deleted content, and what constitutes public data. The SIGCHI Ethics Committee has been looking towards ways to encourage norm setting and mitigate ethical disagreement during the peer review process. This town hall style panel will be an opportunity to prompt community discussion and collect input into how we can further address these challenges.
MODELS & LANGUAGE IN WORK & INVESTMENT
9:00-10:30am @ Mt. St. Helens
Session Chair: Sadat Shami, IBM

Algorithmic Mediation in Group Decisions: Fairness Perceptions of Algorithmically Mediated vs. Discussion-Based Social Division
Min Kyung Lee, Carnegie Mellon University, United States
Su Baykal, Google Inc., United States

Using the Model of Regulation to Understand Software Development Collaboration Practices and Tool Support
Maryl Arciniegas-Mendez, University of Victoria, Canada
Alexey Zagatsky, University of Victoria, Canada
Margaret-Anne Storey, University of Victoria, Canada
Allyson Hadwin, University of Victoria, Canada

Empowering Investors with Social Annotation When Saving for Retirement
Junius Gunaratne, New York University, United States
Jeremy Burke, MSD Corporation, United States
Oded Nov, New York University, United States

GENDER, DEATH, & DESIGN
9:00-10:30am @ Ross Island/Morrison
Session Chair: Morgan Ames, University of California, Berkeley

FollowBias: Supporting Behavior Change toward Gender Equality by Networked Gatekeepers on Social Media
J. Mattias, Massachusetts Institute of Technology, United States
Sarah Szalavitz, "Rabob, United States
Ethan Zuckerman, Massachusetts Institute of Technology, United States

Possibilities and Limitations of Online Document Tools for Design Collaboration: The Case of Google Docs
Young-Wook Jung, KAIST, Republic of Korea
Youn-kyung Lim, KAIST, Republic of Korea
Myung-suk Kim, KAIST, Republic of Korea

The Crafting of DIY Fatherhood
Tawfik Ammar, University of Michigan, United States
Sarita Schoenebeck, University of Michigan, United States
Silvia Lindner, School of Information, University of Michigan, Ann Arbor, Michigan, United States

“Will This Cause a Lot of Work” – Coping with Transferring Files and Passwords as Part of a Personal Digital Legacy
Joachim Pfister, University of Zurich, Switzerland

CHALLENGES IN SHARING EXPERIENCES
9:00-10:20am @ Hawthorne/Sellwood
Session Chair: Susan Fussell, Cornell University

PSAlocator: Multi-Task Allocation for Participatory Sensing with Sensing Capability Constraints
Jiangtai Wang, Peking University, China
Yasha Wang, Peking University, China
Daqing Zhang, Peking University, China
Feng Wang, Peking University, China
Yuanduo He, Peking University, China
Liantao Ma, Peking University, China

Human Library: Understanding Experience Sharing for Community Knowledge Building
Yun Huang, Syracuse University, United States
Brian Dobreski, Syracuse University, United States
Huichuan Xia, Syracuse University, United States

“At Times Avuncular and Cantankerous, with the Reflexes of a Mongoloes”: Understanding Self-expression through Augmentative and Alternative Communication Devices
Shaun Kane, University of Colorado, United States
Meredith Morris, Microsoft Research, United States
Ann Paradiso, Microsoft Research, United States
Jon Campbell, Microsoft Research, United States

Automatic Alt-text: Computer-generated Image Descriptions for Blind Users on a Social Network Service
Shaomei Wu, Facebook Inc., United States
Jeffrey Wieland, Facebook Inc., United States
Omid Farivar, Facebook Inc., United States
Julie Schiller, Facebook Inc., United States

COFFEE BREAK
10:30-11:00am @ Foyer

TROLLS & HARASSMENT
11:00am-12:30pm @ Three Sisters
Session Chair: Jeff Hancock, Stanford University

Sneetches, Trolls, and Social Norms: Unpacking Perceptions of Social Media Use for Crime Prevention
Aarti Israni, DePaul University, United States
Sheena Erette, DePaul University, United States
Che Smith, Food and Drug Administration, United States

“Thay basically destroyed the school one day”: On Newer App Features and Cyberbullying in Schools
Vivek Singh, Rutgers University, United States
Marie Radford, Rutgers University, United States
Gianja Huang, Rutgers University, United States
Susan Furrer, Rutgers University, United States

Anyone Can Become a Troll: Causes of Trolling Behavior in Online Discussions
Justin Cheng, Stanford University, United States
Michael Bernstein, Stanford University, United States
Cristian Danescu-Niculescu-Mizil, Cornell University, United States
Jure Leskovec, Stanford University, United States

Identifying Women’s Experiences With and Strategies for Mitigating Negative Effects of Online Harassment
Jessica Vitak, University of Maryland, United States
Kalyani Chadha, University of Maryland, United States
Linda Steinert, University of Maryland, United States
Zahra Ashktorab, University of Maryland, United States

CRISIS MANAGEMENT
11:00am-12:30pm @ Mt. Bachelor
Session Chair: Bryan Semaan, Syracuse University

The Role of Information Visibility in Network Gatekeeping: Information Aggregation on Reddit during Crisis Events
Alex Leavitt, University of Southern California, United States
John Robinson, University of Washington, United States

Visual Representations of Disaster
Melissa Bica, University of Colorado Boulder, United States
Leysia Palen, University of Colorado Boulder, United States
Chris Bogg, University of Colorado Boulder, United States

Social Media Seamsters: Stitching Platforms & Audiences into Local Crisis Infrastructure
Dharma Dailley, University of Washington, United States
Kate Starbird, University of Washington, United States

Mass Participation During Emergency Response: Event-centric Crowdsourcing in Humanitarian Mapping
Martin Dittus, University College London (UCL), United Kingdom
Giovanni Quattro, University College London, United Kingdom
Licia Capra, University College London, United Kingdom

TRACKING ACTIVITY & HEALTH
11:00am-12:30pm @ Mt. St. Helens
Session Chair: Wendy Ju, Stanford University

A Park or A Highway: Overcoming Tensions in Designing for Socio-emotional and Informational Needs in Online Health Communities
Drashko Nakikj, Columbia University, United States
Lena Mamykina, Columbia University, United States

Assessing Behavior Stage Progression From Social Media Data
Jiaxin Liu, University of Waterloo, Canada
Elissa Weitzman, Boston Children’s Hospital, United States
Rumi Chunara, New York University, United States

Computational Approaches Toward Integrating Quantified Self Sensing and Social Media
Munmun De Choudhury, Georgia Institute of Technology, United States
Mrinal Kumar, Georgia Institute of Technology, United States
Ingmar Weber, Qatar Computing Research Institute, Qatar

Participant Driven Photo Elicitation for Understanding Activity Tracking: Benefits and Limitations
Nanna Gorm, IT University of Copenhagen, Denmark
Irina Shklovski, IT University of Copenhagen, Denmark

TUESDAY
WEDNESDAY AT A GLANCE

CROWD PROCESSES
2:30-4:00pm @ Ross Island/Morrison
Session Chair: Loren Terveen, University of Minnesota
Putting the Pieces Back Together Again: Contest Webs for Large-Scale Problem Solving
Thomas Malone, MIT, United States
Jeffrey Nickerson, Stevens Institute of Technology, United States
Robert Laubacher, MIT, Cambridge, United States
Laur Fisher, MIT, United States
Patrick de Boer, University of Zurich, Switzerland
Yue Han, Stevens Institute of Technology, United States
W. Ben Towne, Carnegie Mellon University, United States

Capturing Winning Ideas in Online Design Communities
Faez Ahmed, University of Maryland, United States
Mark Fuge, University of Maryland, United States

Efficiently identifying a well-performing Crowd Process for a given problem
Patrick de Boer, University of Zurich, Switzerland
Abraham Bernstein, University of Zurich, Switzerland

Huddler: Convening Stable and Familiar Crowd Teams Despite Unpredictable Availability
Niloufar Salehi, Stanford University, United States
Andrew McCabe, Stanford University, United States
Melissa Valentine, Stanford University, United States
Michael Bernstein, Stanford University, United States

COFFEE BREAK
4:00-4:30pm @ Foyer

LASTING IMPACT AWARD:
PAUL LUFF AND CHRISTIAN HEATH
4:30-5:30pm @ Multnomah / Holladay
This year’s CSCW Lasting Impact Award will be presented to Paul Luff and Christian Heath for their CSCW 1998 paper, “Mobility in Collaboration.” By exploring three diverse work domains — healthcare, construction and the London Underground — this work illustrated the importance of understanding movement of participants, and influenced future research agendas on mobile computing. Paul Luff will accept the award, and with a panel of discussants will reflect on the importance of this piece of work to our field.

Irene Greif, Moderator
Paul Luff, King’s College London
Barry Brown, Stockholm University
Aleksandra Sarcevic, Drexel University
Jaime Teevan, Microsoft Research

Mobility in Collaboration (1998)
Abstract from the 1998 paper:
This paper addresses an issue that has received little attention within CSCW — the requirements to support mobility within collaborative activities. By examining three quite different settings each with differing technological support, we examine the ways in which mobility is critical to collaborative work. We suggest that taking mobility seriously may not only contribute to our understanding of current support for collaboration, but raise more general issues concerning the requirements for mobile and other technologies.

TOWN HALL MEETING
5:30-6:15pm @ Multnomah / Holladay
The CSCW Town Hall Meeting is a time dedicated for the SIGCHI CSCW Community steering committee to interact with attendees of CSCW 2017, harnessing their interests, and addressing their concerns about future directions of the CSCW conference series. Everyone is welcome to attend and participate.

CONFERENCE BANQUET
6:30-10:00pm @ Portland Art Museum
Sponsored by: Facebook
See Page 2 for details.

WEDNESDAY, MARCH 1

Location | Three Sisters | Mt. Bachelor | Mt. Hood | Mt. St. Helens | Ross Island/Morrison | Hawthorne/Sellwood
--|-----------------|------------------|------------|----------------|-----------------|-------------------|
9:00-10:30 | Illness & Digital Data | Wikipedia | Digital Memories - Creating | Workers | | On Mental Models & Collaboration |
11:00-12:30 | Funding & Founders | Wikipedia & More | Citizen Science | Health(care)-Data Tracking & Triggers in Health(care) | Meeting & Collaboration Support |
12:30-2:30 | Lunch |
2:30-4:00 | Parenting | Teamwork | Panel: Perspectives on Livestreaming | All About Sharing | Data Visualization, Gamification, & Virtual Worlds |
4:30-6:00 | Closing Presentations and Keynote (Multnomah/Holladay) | Jorge Cham - The Science Gap |

COFFEE BREAK
4:00-4:30pm @ Foyer
WEDNESDAY, MARCH 1

IILLNESS & DIGITAL DATA
9:00-10:30am @ Three Sisters

Session Chair: Claas Bosson, Asklepios University

Supporting Patient-Provider Collaboration to Identify Individual Triggers using Food and Symptom Journals
Jessica Schroeder, University of Washington, United States
Jane Hoffswell, University of Washington, United States
Chia-Fang Chung, University of Washington, United States
James Fogarty, University of Washington, United States
Sean Munson, University of Washington, United States
Jasmine Zia, University of Washington, United States

Design Considerations for Social Fitness Applications: Comparing Chronically Ill Patients and Healthy Adults
Yu Chen, University of California Irvine, United States
Yunan Chen, University of California Irvine, United States
Mirana Randriambelonoro, University of Geneva, Switzerland
Antoine Geissbuhler, University of Geneva, Switzerland
Pearl Pu, Swiss Federal Institute of Technology in Lausanne, Switzerland

"I’m so glad I met you:" Designing dynamic collaborative support for young adult cancer survivors
Jordan Eschler, University of Washington, United States
Wanda Pratt, University of Washington, United States

Information Work in Bone Marrow Transplant: Reducing Misalignment of Perspectives
Ayse Buyukkurt, University of Michigan, United States
Mark Ackerman, University of Michigan, United States

WIKIPEDIA
9:00-10:30am @ Mt. Bachelor

Session Chair: Brian Keagan, University of Colorado

The Wikipedia Adventure: Field Evaluation of an Interactive Tutorial for New Users
Sneha Narayan, Northwestern University, United States
Jake Ortowitz, Wikimedia Foundation, United States
Jonathan Morgan, Wikimedia Foundation, United States
Benjamin Hill, University of Washington, United States
Aaron Shaw, Northwestern University, United States

Privacy, Anonymity, and Perceived Risk in Open Collaboration: A Study of Tor Users and Wikipedians
Andrea Forte, Drexel University, United States
Naznin Andalib, Drexel University, United States
Rachel Greensfeld, Drexel University, United States

Measuring Global Disease with Wikipedia: Success, Failure, and a Research Agenda
Reid Priedhorsky, Los Alamos National Laboratory, United States
Dave Osthus, Los Alamos National Laboratory, United States
Alyshyn Daughton, Los Alamos National Laboratory, United States
Kelly Moran, Los Alamos National Laboratory, United States
Nicholas Generous, Los Alamos National Laboratory, United States
Geoffrey Fairchild, Los Alamos National Laboratory, United States
Alina Deshpande, Los Alamos National Laboratory, United States
Sara Del Valle, Los Alamos National Laboratory, United States

DIGITAL MEMORIES - CREATING
9:00-10:30am @ Mt. Hood

Session Chair: Meredith Ringel Morris, Microsoft Research

Keeper: Design for Capturing Audio Mementos of Everyday Life for Parents of Young Children
Jasmine Jones, University of Michigan, United States
David Merritt, University of Michigan, United States
Mark Ackerman, University of Michigan, United States

Crowd Guilds: Worker-led Reputation and Feedback on Crowdsourcing Platforms
Mark Whiting, Carnegie Mellon University
Dilrukshi Samage, University of Moratuwa
Snehalakumar (Neil) Gaikwad, Massachusetts Institute of Technology
Shirish Goyal, Stanford University
Alipta Bailav, Yahoo, Sunnyvale, California, United States
Nallin Chilibeck, Google, United States
Angela Richmond-Fuller, Independent
Freddie Vargus, Boston University
Tejas Seshadri Sarma, Independent
Sharhine Chaudhri, Independent
Teegone Moura, University of Brasilia
Mohamed Hashim Salah, Independent
Gabriel Bayomi Timoco Kalejaiye, University of Brasilia
Adam Ginsberg, Stanford University
Catherine A. Mullings, Stanford University
Yoni Dayan, Independent
Kristy Milland, University of Texas
Henrique Oreific, University of Brasilia
Jeff Regno, Independent
Sayna Parsi, University of Washington

Technology Mediated Memory: Is Technology Altering Our Memories and Interfering With Well-Being? (TOCHI-2015-0108)
Artie Konrad, University of California at Santa Cruz, United States
Ellen Isacoff, Google, United States
Steve Whitaker, University of California at Santa Cruz, United States

WORKERS
9:00-10:30am @ Mt. St. Helens

Session Chair: Susann Wagenknecht, University of St. Gallen

Work Always in Progress: Analysing Maintenance Practices in Spatial Crowdsourced Datasets
Giovanni Quattrom, University College London, United Kingdom
Martin Dittus, University College London, United Kingdom
Licia Capra, University College London, United Kingdom

Communicating Context to the Crowd for Complex Writing Tasks
Niloufar Salehi, Stanford University, United States
Jaime Tevenan, Microsoft Research, United States
Shamsi Iqbal, Microsoft Research, United States
Ece Kamar, Microsoft Research, United States

Crowd Guilds: Worker-led Reputation and Feedback on Crowdsourcing Platforms
Mark Whiting, Carnegie Mellon University
Dilrukshi Samage, University of Moratuwa
Snehalakumar (Neil) Gaikwad, Massachusetts Institute of Technology
Aaron Gilbee, Independent
Shirish Goyal, Stanford University
Alipta Bailav, Yahoo, Sunnyvale, California, United States
Nallin Chilibeck, Google, United States
Angela Richmond-Fuller, Independent
Freddie Vargus, Boston University
Tejas Seshadri Sarma, Independent
Sharhine Chaudhri, Independent
Teegone Moura, University of Brasilia
Mohamed Hashim Salah, Independent
Gabriel Bayomi Timoco Kalejaiye, University of Brasilia
Adam Ginsberg, Stanford University
Catherine A. Mullings, Stanford University
Yoni Dayan, Independent
Kristy Milland, University of Texas
Henrique Oreific, University of Brasilia
Jeff Regno, Independent
Sayna Parsi, University of Washington

Kunz Mainali, University of Texas at Austin
Vibhor Sehgal, Mohrana Agrawal Institute of Technology
Sekandar Matin, University of Salford
Akshansh Sinha, Mohrana Agrawal Institute of Technology, New Delhi
Rajan Vaish, Stanford University
Michael Bernstein, Stanford University

Bias in Online Freelance Marketplaces: Evidence fromTaskRabbit and Fiverr
Aniko Hannak, Northeastern University, United States
Claudia Wagner, GESIS - Leibniz Institute for the Social Sciences, Germany
David García, Swiss Federal Institute of Technology in Zurich, Switzerland
Alan Mislove, Northeastern University, United States
Markus Strohmaier, GESIS - Leibniz Institute for the Social Sciences, Germany
Christo Wilson, Northeastern University, United States

ON MENTAL MODELS & COLLABORATION
9:00-10:30am @ Ross Island/Morrison

Session Chair: Jennifer Marlow, KPNL

Media, Meaning, and Context Loss in Ephemerai Communication Platforms: A Qualitative Investigation on Snapchat
Luz Henrique Cavalcanti, Indiana University - Purdue University Indianapolis, United States
Alita Pinto, Indiana University - Purdue University, United States
Jed Brubaker, University of Colorado Boulder, United States
Lynn Dombrowski, Indiana University - Purdue University - Indianapolis (IUPUI), United States

SearchMessenger: Exploring the Use of Search and Card Sharing in a Messaging Application
Frank Bentley, Fabe, Sunnyvale, California, United States
S. Tejaswi Peesapat, Fabe, United States

Folk Models of Online Behavioral Advertising
Yaxing Yao, Syracuse University, United States
Davide Lo Re, Sapienza University of Rome, Italy
Yang Wang, Syracuse University, United States

TypeTalker: A Speech Synthesis-Based Multi-Modal Commenting System
Ian Araujo, Cornell University, United States
Dongwook Yoon, Cornell University, United States
François Guimbretière, Cornell University, United States
FUNDING & FOUNDERS
11:00am-12:30pm @ Three Sisters
Session Chair: Michael Muller, AMT
Understanding Trust amid Delays in Crowdfunding
Yongsung Kim, Northwestern University, United States
Aaron Shaw, Northwestern University, United States
Haoqi Zhang, Northwestern University, United States
Elizabeth Gerber, Northwestern University, United States

"Not by Money Alone": Social Support Opportunities in Medical Crowdfunding Campaigns
Jennifer Kim, University of Illinois at Urbana-Champaign, United States
Kristen Vaccaro, University of Illinois at Urbana-Champaign, United States
Karrie Karahalios, University of Illinois at Urbana-Champaign, United States
Hwajung Hong,肮国National Institute of Science and Technology, Republic of Korea

Founder Center: Enabling Access to Collective Social Capital
Nicolas Kokkalis, Stanford University, United States
Chengdiao Fan, Stanford University, United States
Thomas Breier, Affinity Hive Inc., United States
Michael Bernstein, Stanford University, United States

Developing Makerspaces as Sites of Entrepreneurship
Julie Hui, Northwestern University, United States
Elizabeth Gerber, Northwestern University, United States

WIKIPEDIA & MORE
11:00am-12:30pm @ Mt. Bachelor
Session Chair: Cliff Lampe, University of Michigan
On the “How” and “Why” of Emergent Role Behaviors in Wikipedia
Ofer Araray, University of Haifa, Israel
Hila Lifshitz-Afzal, New York University, United States
Oded Nov, New York University, United States
Johannes Daxenberger, Technische Universität Darmstadt, Germany
Martina Balestra, New York University, United States
Coye Cheshire, University of California Berkeley, United States

Problematizing and Addressing the Article-as-Concept Assumption in Wikipedia
Yilun Lin, Northwestern University, United States
Bowen Yu, University of Minnesota, United States
Andrew Hall, University of Minnesota, United States
Brent Hecht, Northwestern University, United States

Who wants to read this?: A Method for Measuring Topical Representativeness in User Generated Content Systems
Amanda Menking, University of Washington, United States
David McDonald, University of Washington, United States
Mark Zachry, University of Washington, United States

Wikum: Bridging Discussion Forums and Wikis Using Recursive Summarization
Amy Zhang, Massachusetts Institute of Technology, United States
Lea Verou, MIT, United States
David Karger, MIT, United States

CITIZEN SCIENCE
11:00am-12:30pm @ Mt. Hood
Session Chair: Alyson Young, Indiana University and Purdue University
Vernacular Visualization Practices in a Citizen Science Project
Jaime Snyder, University of Washington, United States

Soylent Diet Self-Experimentation: Design Challenges in Extreme Citizen Science Projects
Marketa Dolejsova, National University of Singapore, Singapore
Denisa Kera, National University of Singapore, Singapore

Accounting for Privacy in Citizen Science: Ethical Research in a Context of Openness
Anne Bowser, Woodrow Wilson International Center for Scholars, United States
Katie Shilton, University of Maryland, United States
Jenny Preeces, University of Maryland, United States
Elizabeth Warrick, University of Maryland, United States

From Crowd to Community: A Survey of Online Community Features in Citizen Science Projects
Neal Reeves, University of Southampton, United Kingdom
Ramine Tinati, University of Southampton, United Kingdom
Sergej Zerr, University of Southampton, United Kingdom
Max Van Kleek, University of Oxford, United Kingdom
Elena Simperl, University of Southampton, United Kingdom

MEETING & COLLABORATION SUPPORT
11:00am-12:30pm @ Ross Island/Morrison
Session Chair: Marcos Borges, Universidade Federal do Rio de Janeiro
More to Meetings: Challenges in Using Speech-Based Technology to Support Meetings
Moira McGregor, Stockholm University, Sweden
John Tang, Microsoft Research, United States

Looking Away and Catching Up: Dealing with Brief Attentional Disconnection in Synchronous Groupware
Carl Gutwin, University of Saskatchewan, Canada
Scott Bateman, University of New Brunswick, Canada
Gaurav Arora, University of Saskatchewan, Canada
Ashley Coveney, University of Saskatchewan, Canada

Mixed Presence Collaboration using Scalable Visualizations in Heterogeneous Display Spaces
Thomas Marrinan, Argonne National Laboratory, United States
Jason Leigh, University of Hawaii at Manoa, United States
Luc Renambo, University of Illinois at Chicago, United States

AlphaRead: Support Unambiguous Referencing in Remote Collaboration with Readable Object Annotation
Yuan-Chia Chang, National Tsing Hua University, Taiwan
Hao-Chuan Wang, National Tsing Hua University, Taiwan
Hing-kuo Chu, National Tsing Hua University, Taiwan
Shuang-Ying Lin, National Tsing Hua University, Taiwan
Shuo-Ping Wang, National Tsing Hua University, Taiwan

WAKEY: Assisting Parent-child Communication for Better Morning Routines
Meng-Ying Chan, National Taiwan University, Taiwan
Yi-Huan Lin, National Taiwan University, Taiwan
Long-Fei Lin, National Taiwan University, Taiwan
Ting-Wei Lin, National Taiwan University, Taiwan
Wei-Chen Hsu, National Taiwan University, Taiwan
Chia-yu Chang, National Taiwan University, Taiwan
Rui Liu, Tsinghua University, Taiwan
Ko-Yu Chang, Tsinghua University, Taiwan
Min-Hua Lin, Tsinghua University, Taiwan
Jane Yung- Jen Hsu, National Taiwan University, Taiwan

From Personal Informatics to Family Informatics: Understanding Family Practices around Health Monitoring
Laura Pina, University of Washington, United States
Sang-Wha Sien, University of Washington, United States
Teresa Ward, University of Washington, United States

CoFFEE BREAK
10:30-11:00am @ Foyer

SESSION CHAIR: CLIFF LAMPE
11:00AM-12:30PM @ MT. HOOD
WEDNESDAY
WEDNESDAY

TEAMWORK
2:30-4:00pm @ Mt. Bachelor
Session Chair: Wendy Kellogg, Independent
What Makes a Strong Team? Using Collective Intelligence to Predict Team Performance in League of Legends
Young Ji Kim, Massachusetts Institute of Technology, United States
David Engel, Massachusetts Institute of Technology, United States
Anita Woolley, Carnegie Mellon University, United States
Jeffrey Lin, Magic Leap, United States
Naomi McArthur, Post Games, United States
Thomas Malone, Massachusetts Institute of Technology, United States

Does Collectivism Inhibit Individual Creativity? The Effects of Collectivism and Perceived Diversity on Individual Creativity and Satisfaction in Virtual Ideation Teams
Teng Ye, University of Michigan, United States
Steven Dow, University of California San Diego, United States

Coupling Interactions and Performance: Predicting Team Performance from Thin Slices of Conflict (TOCHI-2015-0042)
Teng Ye, University of Michigan, United States
Lionel Robert, University of Michigan, United States

DATA VISUALIZATION, GAMIFICATION, & VIRTUAL WORLDS
2:30-4:00pm @ Ross Island/Morrison
Session Chair: Donny X McMillan, & VIRTUAL WORLDS
Designing Cooperative Gamification: Conceptualization and Prototypical Implementation
Benedikt Morschheuser, Robert Bosch GmbH, Germany
Alexander Maedche, Barmer Deutch Landes Versicherung AG, Germany
Dominic Walter, Robert Bosch GmbH, Germany

Immersive Street-level Social Media in the 3D Virtual City: Anticipated User Experience and Conceptual Development
Hannu Kuuka, University of Oulu, Finland
Mirna Pakkanen, University of Oulu, Finland
Mahmoud Badrî, University of Oulu, Finland
Timo Ojala, University of Oulu, Finland

"I'd want to burn the data or at least nobble the numbers": Towards data-mediated building management for comfort and energy use
Adrian Clear, Newcastle University, United Kingdom
Sam Mitchell Finnnigan, Newcastle University, United Kingdom
Patrick Olivier, Newcastle University, United Kingdom
Rob Comber, Newcastle University, Newcastle upon Tyne, United Kingdom

PROGRAMMING
2:30-4:00pm @ Hawthorne/Sellwood
Session Chair: Pernille Bjørn, University of Copenhagen
CollaDroid: Automatic Augmentation of Android Application with Lightweight Interactive Collaboration
Jiahuan Zheng, Fudan University, China
Xin Peng, Fudan University, China
Jiacheng Yang, Fudan University, China
Huajian Cai, Peking University, China
Gang Huang, Peking University, China
Ying Zhang, Peking University, China
Wenyun Zhao, Fudan University, China

Fricton in Arenas of Repair: Hacking, Security Research, and Mobile Phone Infrastructure
Matthias Korn, University of Siegen, Germany
Susann Wagenknecht, University of Siegen, Germany

Can Security Become a Routine? A Study of Organizational Change in an Agile Software Development Group
Andreas Poller, Fraunhofer Institute for Secure Information Technology, Germany
Laura Kocksch, Fraunhofer Institute for Secure Information Technology, Germany
Sven Tünte, Fraunhofer Institute for Secure Information Technology, Germany
Felix Epp, Fraunhofer Institute for Secure Information Technology, Germany
Katharina Kinder-Kurland, GESIS - Leibniz Institute for the Social Sciences, Germany

Exhaustive Search and Resolution of Puzzles in OT Systems Supporting String-Wise Operations
Chengsheng Sun, Nanyang Technological University, Singapore
Yi Xu, Nanyang Technological University, Singapore
Agustina Ng, Nanyang Technological University, Singapore

CLOSING KEYNOTE
4:30-6:00pm @ Multnomah / Holladay
The Science Gap
Jorge Cham, PhD/Comics

Jorge Cham recounts his experiences bringing humor into the lives of millions of stressed out academics and tells stories from his travels to over 300 universities and research centers in the US and across the world. Thought-provoking yet humorous, this talk will examine the need to close the Science Gap, a disconnect in both communication and perception between researchers and the public, and how scientists and academics need to find new ways to collaborate in order the solve future challenges.

Jorge Cham is the creator of Piled Higher and Deeper (PHD Comics), the online comic strip about life (or the lack thereof) in Academia. He is also the co-founder of PHD TV, a video science and discovery outreach collaborative, and a founding board member of Endeavor College Prep, a non-profit school for kids from disadvantaged communities in East Los Angeles.

Often called the Dilbert of academia, PHD has appeared in the Stanford, MIT, Caltech and Carnegie Mellon newspapers among others, and is published online where it is read by over 7 million visitors a year from over 1000 universities and colleges worldwide. Jorge Cham was born and raised in East Los Angeles. He travels and presents all over the world to thousands of graduate students, faculty and administrators. Five PHD TV book collections have been published and two feature-length films have been produced based on his work.

WEDNESDAY
PORTLAND

Welcome to Portland

see the Travel Portland website travelportland.com. Dress for wet weather and have a great visit to Portlandia! For more information about visiting Portland, please visit cscw.acm.org/2017/attend/travel.php

A growing metropolitan center of the Pacific Northwest at the meeting of the Columbia and Willamette rivers, Portland is known for its human-scale livability and sustainability, its proximity to nature, and its youthful DIY culture. For a small city the restaurant scene is nationally famous, with its myriad brewpubs, iconic cafes, and gourmet food carts. A vibrant urban mix of arts, music, and design intermingles with gardens, parks, and — further afield — a wilderness of forests, mountains, and waterfalls.

Ever-quirky Portland organizes itself into five (!) quadrants, Burnside St. divides north from south and the Willamette River east from west. (North Portland, the fifth quadrant, would be part of the NE quadrant if not for a bend in the Willamette.) The densely developed Downtown, Pearl, and Northwest neighborhoods straddle Burnside on the river’s west bank, a short ride by light rail, streetcar, or bus from the conference venue in the Lloyd EcoDistrict of the inner Northeast. Each quadrant offers distinct shopping and entertainment districts to explore, from the rapidly gentrifying North Mississippi, NE Alberta, and SE Division on the east, to gritty Old Town/Chinatown, upscale Pearl and Northwest 23rd, and highrise South Waterfront on the west — to name just a few.

Linking east and west are 10 (mostly) beloved bridges over the Willamette, from elaborate 100 year old drawbridges like the Steel and the Hawthorne, to Tilikum Crossing, the proudly transit-, bike-, and pedestrian-only showpiece that opened in 2015. (Still, the most beautiful is the 1931 St Johns suspension bridge above Cathedral Park in North Portland.) Lovely views of the crenelated bridges and Downtown can be had from the Vera Katz Eastbank Esplanade. Also lovely are Portland’s parks and gardens: don’t miss sprawling Forest Park and Hoyt Arboretum or the elegantly-crafted Japanese, Chinese, and Rose Gardens.

Portland, the Rose City, has famously rainy winters, though usually free of snow and ice. Expect high temperatures in the mid 50s, Fahrenheit (low 10s, Celsius), with lows in the upper 30s, Fahrenheit (low single digits, Celsius).

Outside of Portland there is much to see and do. Within an hour or two’s drive are the dormant Mount St. Helens and Mount Hood volcanos, with visitor centers about the massive 1980 eruption, and year-round skiing, respectively; the waterfalls and basalt cliffs of the Columbia Gorge National Scenic Area; the Yamhill Valley wine country; the Lewis and Clark National and State Historical Parks at the mouth of the Columbia; and the towns and beaches of Oregon’s Pacific coast. Dress for wet weather and have a great visit to Portlandia! For more information about visiting Portland, please see the Travel Portland website travelportland.com.

TriMet

trimet.org
trimet.org/apps

The regional transit service TriMet runs frequent buses and MAX light rail trains throughout Portland and neighboring Oregon cities, from early morning through midnight (2:00am for buses). All buses, trains, and stations have accessibility features.

Adult fares are $2.50 for a 2.5 hour pass good on any bus or train (or the Portland Streetcar). All-day passes are $5 for adults. Passes may be purchased upon boarding a bus (cash only), or at kiosks at MAX stations (cash or debit/credit cards).

Smartphone users may wish to download TriMet apps that ease use of the system. The TriMet Tickets app allows e-tickets to be purchased via credit or debit cards. Note that the ticket app does not include trip planning functionality – you will need to use Google Maps or another third-party app for that.

There is no need to show your pass when you board MAX (or Portland Streetcar) trains. It is possible though unlikely that an inspector will enter and demand to see everyone’s valid passes (in which case you do not want to be caught without one). To board a bus, you will need to show the driver your pass (or purchase one from them).

PORTLAND STREETCAR

portlandstreetcar.org

The city of Portland operates the Portland Streetcar tram system in the central city. There are three lines. The A and B Loops circle downtown clockwise and counter-clockwise, respectively. The NS Line connects the recently developed South Waterfront district to the NW 23rd Ave shopping district.

An adult streetcar-only pass costs $2.00 for 2.5 hours. Fares may be purchased from kiosks at stations (credit/debit only), or onboard (cash only). TriMet fares are also valid.

BIKETOWN

biketownpdx.com
biketownpdx.com/how-it-works/get-the-app

The city of Portland also operates the BIKETOWN bicycle renting program. To rent one of the distinctive orange bikes you can then unlock the bike using its integrated keypad. There are many taxicab companies operating in Portland, as well as Lyft and Uber. We recommend:

- Taxis
- TriMet
- BIKETOWN

Flag of Portland

GETTING AROUND PORTLAND

For additional information, please visit cscw.acm.org/2017/attend/travel.php

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- Taxis
- TriMet
- BIKETOWN
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