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CHI 2018
Engage with CHI

CHI 2018

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Human Factors in Computing Systems

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**Association for
Computing Machinery**

Advancing Computing as a Science & Profession

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We are very pleased to welcome you to CHI 2018 in Montréal, Canada! This year, the theme is *Engage*. Our hope is that over the next six days, you engage with technology and world-class research, engage in discussions with your community of designers, researchers, students, and practitioners, and—most of all—that you engage with CHI!

The engage theme informed our planning and we are excited to present a vibrant program for you to experience. In 2018, we are celebrating the 50th anniversary of Doug Englebart's *Mother of all Demos*. To celebrate and honour this historic event, we are hosting the CHI Expo—a reception on Monday night that will give you the opportunity to engage with the technology of the future, as presented by your colleagues. We are also excited to present the CHI2018 Art Exhibition in association with La SAT (La Société des Arts Technologiques). Much of the virtual and mixed-reality art can be seen in the Exhibit Hall; however, please attend the reception on Wednesday night at La SAT to experience the impressive Satosphere—a 360° digital dome environment with artworks that explores immersion. This year, we are launching the inaugural CHI Game Jam and Science Jam, where participants can engage with mentors and peers in a two-day frenzy of activity and excitement. We are also bringing back the plenary Video Showcase session on Wednesday afternoon.

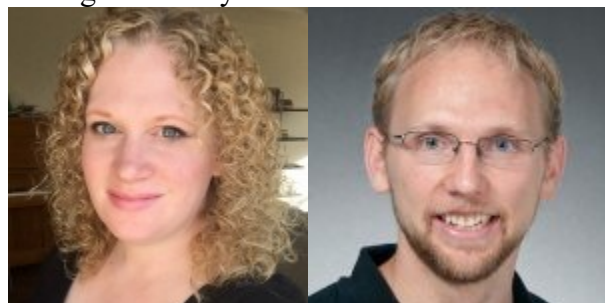
We are thrilled with our dynamic keynote speakers, who each bring unique perspectives to our theme. Christian Rudder (author of *Dataclysm*) opens CHI with his insights on what data from the dating site he co-founded (OkCupid) reveals about human behaviour. Sue Gardner (former executive director of Wikimedia Foundation, co-chair of the campaign to pardon Edward Snowden) closes CHI by discussing her desire to ensure that everybody in the world has access to the information they want and need. And Choir! Choir! Choir! leads us in a plenary session on Tuesday afternoon on achieving creativity through shared vulnerability.

Additionally, we broadened the scope of who can engage with CHI content. We are pleased to launch the first-ever CHI with live-streaming of every paper session. Live-streaming paper presentations allows our authors to reach a diverse audience that includes the friends, family, and colleagues who have supported the presented research, but are unable to attend. We support people with disabilities or travel restrictions to remotely attend through telepresence robots. We are offering onsite childcare that helps people with caregiving responsibilities attend CHI. We also have several initiatives to support diversity, inclusion, and accessibility including a nursing mother's room, gender-neutral bathrooms, badge pronouns, and a dedicated blackout (desensitization) room. Tiohtiá:ke, (Montréal) is historically known as a gathering place for many First Nations, and we wish for our attendees to carry this spirit of connection into how we engage with each other at CHI 2018.

We are so grateful to our extraordinary volunteers who made CHI 2018 possible, especially to those who organized the venues and provided logistics support. We are greatly indebted to each of the 101 volunteers on our organizing committee for their service in making CHI 2018 happen. Thanks also to the more than 175 student volunteers who carry out on-the-ground efforts in helping CHI to run smoothly. Finally, we are deeply grateful to the ACM, to SIGCHI, and to the CHI Steering Committee for their support of CHI 2018.

We welcome you to Montréal and encourage you to *Engage with CHI!*

Regan Mandryk & Mark Hancock



The CHI 2018 technical program consists of a weekend of 24 parallel workshops and symposia plus additional events such as the Game Jam, Science Jam and Doctoral Consortium. This is followed by four days that consist of 25 parallel sessions of exciting papers, panels, case studies, SIGs (Special Interest Groups), courses, video showcase, and the popular student research, and design competitions. The alt.chi venue, now in its fourteenth year, presents stimulating new and challenging ideas in HCI. The Expo will showcase demos of cutting-edge technology and the CHI Art Exhibit.

This ground-breaking work can be found in the Proceedings and Extended Abstracts, archived in the ACM Digital Library. We distinguish between two categories of CHI material in the ACM Digital Library. Papers are the most rigorously peer reviewed and prestigious material presented at the conference, and are collected in the Conference Proceedings. The other categories of work are represented in the Extended Abstracts. These are peer-reviewed, juried, or curated, and reflect the breadth of education, research, design, artistic, scientific exploration and engineering activity within the HCI community.

Across all tracks, CHI received 3955 submissions and accepted 1208. For papers, the conference received 2592 submissions (a rise of 8% from the 2017 conference) which were rigorously reviewed, resulting in 666 accepted papers (acceptance rate 25.7%). In addition 47 journal papers will be presented.

We wish to give our heartfelt thanks to the 101 members of the organising committee who kept the boat afloat and moving in the right direction, the 489 members of the programme committees who wrote 6,321 reviews, and the 3837 external reviewers who wrote 6844 reviews. Our special thanks also go to the staff at Sheridan Communications (particularly Lisa Tolles) who have worked extremely hard to ensure that all papers and extended abstracts were processed in time for the conference.

We hope you find the technical program engaging and inspiring.

Anna Cox & Mark Perry



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