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# Chinese CHI 2018 Workshop

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**Abstract**

The extended abstract describes the background, goals and organization of the sixth International Workshop of Chinese CHI (Chinese CHI 2018)

**Author Keywords**

Chinese HCI; ICACHI

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H.5.2. [Information interfaces and presentation]: User Interfaces—Input devices and strategies.

**Background**

Human Computer Interaction (HCI) is experiencing explosive growth in the global Chinese community. This is primarily driven by the rapid development and huge success of information industry in mainland China, Taiwan, Singapore, and other Chinese-speaking counties/regions. Companies like Huawei, Baidu, Alibaba, Tencent, Netease, HTC are growing rapidly and playing increasingly important roles in the world. For example, the Chinese internet company Alibaba conducted a historic Initial Public Offering (IPO) in 2015 in the United States, becoming one of the largest technology companies in the world.

The rapid growth of information industry has been fueling the development of HCI. Virtually every business leader believes that a key component to the success of a company lies in the quality of the

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interaction experience between users and its products. Successful companies inevitably employ interaction designers, user experience researchers and HCI research scientists as key parts of their workforce.

HCI as an academic field has also been growing rapidly in the Chinese community. In the 1990s, Chinese scholars had only a small presence in HCI conferences (e.g., CHI). According to a memo [1] from the founding president of International Chinese Association of Computer Human Interaction (ICACHI), Prof. Xiangshi Ren, he encountered only two other Chinese scholars in CHI 1997. Since the late of 1990s, however, HCI has been on the trajectory of becoming a major discipline in Chinese universities. Many leading universities in mainland China, Taiwan, Singapore and Hong Kong now have sizable HCI research groups. Each year hundreds of students and faculty members from these universities attend various HCI conferences and share their research with scholars all over the world.

To further advance HCI research and facilitate collaboration among researchers, academics, students and practitioners in the global Chinese community, a group of globally distributed HCI scholars started a series of annual symposiums titled Chinese CHI in 2013. Chinese CHI 2018 will be the sixth and the latest event. Since 2013, Chinese CHI is intended as one of the leading international forums for the Chinese communities and Chinese HCI topics.

### **Overview**

Supported by the International Chinese Association of Computer Human Interaction (ICACHI), Chinese CHI is steered by a group of globally distributed HCI

researchers, practitioners, academics and students concerning about the development of HCI as a thriving field in the global Chinese communities as well as the research and practice of HCI topics where Chinese users, languages, cultures and societies are salient constituents.

In the past, Chinese CHI has been organized as a stand-alone conference or one co-located with CHI. It has become a venue, attracting an increasing number of high-quality research papers. For example, Chinese CHI 2017 received more than 20 paper submissions, and approximately 50% of them were accepted after our peer-review process. It also received more than 80 submissions to poster track, interactive art forum, and video contest. Submissions came from multiple countries and communities, such as Australia, Canada, China, France, Hong Kong, Japan, Singapore, Sweden, Taiwan, United Kingdom, United States etc. The two-day Chinese CHI 2017 symposium attracted more than 150 participants to participate in the event at Guangzhou, China.

Aside from continuing increasing the quality and influence of the symposium, Chinese CHI 2018 will primarily focus on connecting the international HCI community to the booming Chinese computing industry. The theme of Chinese CHI2018 is *Cross, Connect and Create*.

### **Uniqueness of Chinese CHI: Community and Topics**

Chinese CHI is a unique HCI forum in at least two aspects, community and topics. Community concerns about the body of participation, while topics are about the content and work presented in the forum.

First, Chinese CHI is unique in its community, in which the members are known to be distributed globally, but at the same time also share substantial common ground due varied extent of shared experience, language, culture as well as interest in the global Chinese communities. Chinese CHI thus provides a unique networking opportunity, allowing its participants to have close discussion on general HCI topics and build professional connections among the participants.

Second, Chinese CHI is not only a forum suitable for general HCI topics, but also an ideal venue for discussions around “Chinese HCI topics”, or HCI topics of which Chinese user behaviors, cultures, languages and societies play a significant and meaningful role. For example, because of the shared experience with and interest in Chinese users, the workshop can potentially host discussions on cultural comparisons of users of different ethnic groups and the implications to technical design and user studies.

### **Organizers**

**Zhiyong Fu** is an Associate professor of Information Art and Design Department, Academy of Arts and Design, Tsinghua University, Beijing, China. He serves as the Secretary-General in China Information & Interaction Design Committee (IIDC) since 2014, and vice-director of China Innovation & Entrepreneurship Education Research Center. His research interests include information and interaction design, service design, social innovation and smart city design research. He is currently exploring new design studies and practices based on the Living lab model, through the support of data and artificial intelligence. He is the leader for multiple national and international research projects, and published papers in key international

conferences in HCI and design, such as ACM Ubicomp, Chinese CHI, IASDR, HCII, DESIS and DMI. He serves as an Associate Chair of subcommittee of Design of ACM CHI 2014, 2017 and 2018 and board member of Cross-Culture Design at HCII 2012~2018.

**Jun Hu** is a Senior Member of ACM, currently the Head of Designed Intelligence, an Associate Professor in Design Research on Social Computing at Department of Industrial Design, Eindhoven University of Technology (TU/e), a Distinguished Adjunct Professor at Jiangnan University. He is currently the chair of the working group “Art and Entertainment” of IFIP (International Federation for Information Processing) TC14 (Technical Committee on Entertainment Computing). He is the coordinator of the TU/e DESIS Lab in the DESIS network (Design for Social Innovation and Sustainability). He serves the editorial boards of several international journals such as Information, International Journal of Arts and Technology, and EAI Transactions on Creative Technologies. He has more than 200 peer-reviewed publications in conferences and journals in the field of social cyber-physical systems, IoT, HCI, industrial design, computer science and design education. He has a PhD in Industrial Design and a Professional Doctorate in User-system Interaction, both from TU/e. Jun has also a B.Sc in Mathematics and an M.Eng in Computer Science. He is a System Analyst and a Senior Programmer with the qualifications from the Ministry of Human Resources and Social Security, and the Ministry of Industry and Information Technology of China. From 2006 to 2007 he served as the Secretary-General for The Association of Chinese Scholars and Engineers in the Netherlands (VCWI) and from 2008 to 2009 as the Chairman.

**Haipeng Mi** is an Associate Professor at Department of Information Art and Design, Tsinghua University, P.R.C. He is the co-director of the X-Studio in the Academy of Arts and Design of Tsinghua University. He has over 30 peer-reviewed publications in the field of HCI, including ACM UIST and ACM Ubicomp. He serves as an Associate Chair of committee of HAI 2017 and 2018, and Program Co-Chair of Chinese CHI 2017. He has been selected for the National Youth Talent Support Program of China in 2016. Haipeng has received his Ph.D. in Electrical Engineering and Information Systems in 2011 from the University of Tokyo. He has also received a B.Sc. in Physics and an M.Eng. in Electronics Engineering from Tsinghua University in 2005 and 2008 respectively. Before joining Tsinghua, he was an Assistant Professor at Initiative of Interdisciplinary Information Studies, the University of Tokyo.

**Xing-Dong Yang** is an Assistant Professor of Computer Science at Dartmouth College. Xing-Dong completed his Bachelor of Computer Science in 2005 from the University of Manitoba, Canada. He earned his Master of Computing Science with a specialization in Haptic Interfaces in 2008 from the University of Alberta, Canada and his Doctorate in Computing Science with a specialization in Human-Computer Interaction in 2013 from the same university. His dissertation work was awarded the 2013 Bill Buxton Best Canadian HCI Dissertation Award, given annually for the best doctoral dissertation completed at a Canadian university in the field of human-computer interaction. He has over 30 publications in top-tier venues in HCI, including ACM CHI and ACM UIST. His work has also been recognized through best paper nominations at ACM CHI and ACM MobileHCI, as well as

featured in public press through Discovery News, NBC, and New Scientist.

### **Website**

The planned Chinese CHI 2018 workshop website is:

<http://chchi2018.icachi.org> (will open in October)

The submission website of Chinese CHI 2018 is:

<https://easychair.org/conferences/?conf=chinesechi2018>

### **Pre-Workshop Preparation**

In October, 2017, calls for papers and posters will be distributed through the program organizers and with the help of ICACHI board members. We will accept four to ten page long papers, and two-page long poster submissions. Submissions must be in the two-column ACM SIGCHI format. Submission deadline is Jan 5, 2018 PDT. A group of around 40 HCI scholars have been recruited to serve on the program committee to evaluate the intellectual merits of these submissions. Notification of acceptances will be sent out on February 9, 2018. The program chairs and the poster chairs will finalize the program by March 15, 2018.

Concurrently, we are in the process of inviting three HCI scholars to give keynotes during Chinese CHI. We have narrowed down to a shortlist of diverse researchers and practitioners across geographic regions and research interests.

### **Workshop Structure**

Chinese CHI will be a one-day, single tracked conference on April 22<sup>nd</sup> (Sunday). It will begin with an opening keynote followed by talk sessions with breaks separating the sessions.

The tentative workshop structure is explained below:

- Opening + Keynote: 2hr,
- Oral presentation session: 3hr,
- Poster presentation session: 2hr,
- Closing + Award ceremony: 1hr

### Post-Workshop Plan

The workshop proceeding will be published with ACM ICPS (In-Cooperation Proceedings System).

### Call for Publication

We invite you to submit papers to Chinese CHI 2018. This year we are excited to announce that Chinese CHI 2018 will be designed as a forum connecting the international HCI community to the booming Chinese computing industry. As usual, papers in all areas of human-computer interaction are welcome but this year we are particularly interested in HCI research related to the Chinese industry. Examples include but are not limited to understanding Chinese users or cultural differences, interaction techniques tailored to Chinese users, using AI in UI design, AR and VR applications in China, Voice-based UI, and conversational UI.

Papers must present original materials and will be reviewed by expert reviewers, based on their contribution to the field. All accepted papers will be included in the conference proceedings and published through the ACM Digital Library. Appropriate topics include but are not limited to:

- User Experience and Usability
- Specific Application Areas
- Health, Accessibility and Aging
- Privacy, Security and Visualization

- Interaction Beyond the Individual
- Games and Play
- Design
- Interaction Techniques, Devices and Modalities
- Understanding People: Theory, Concepts, Methods
- Engineering Interactive Systems and Technologies

### Submission Guidelines

Papers must be in the two-column ACM SIGCHI format. They must be anonymized and in PDF file format.

Papers must be at least 4 pages, but can be up to 10 pages. Paper length must be based on the weight of the contribution. A new idea presented in a compact format is more likely to be accepted than the same idea in a long format. Long papers need to include very strong contributions to warrant acceptance. Shorter, more focused papers are also highly encouraged.

All work – both papers and optional video illustrations – must be submitted electronically via the [https://easychair.org/conferences/?conf=chinese\\_chi2018](https://easychair.org/conferences/?conf=chinese_chi2018).

Chinese CHI 2018 will also have a separate poster submission category. Formatting requirements for posters will be announced separately.

### References

[1] <http://icachi.org/page/international-symposium-chinese-chi>