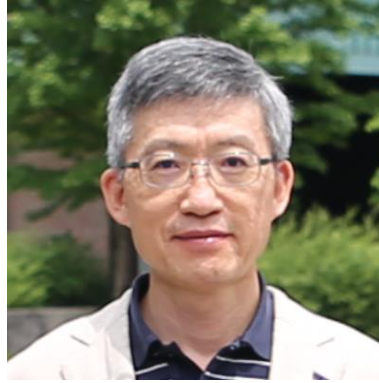


Curriculum Vitae



Xiangshi Ren

July 27, 2024

Xiangshi REN is a lifetime tenured professor in the School of Informatics and founding director of the Center for Human-Engaged Computing (CHEC) at Kochi University of Technology. He is a member of the Engineering Academy of Japan (EAJ), a fellow of Information Processing Society of Japan (IPSJ), and, a senior member of the ACM, senior member of the IEEE. He is founding president and honorary lifetime president of the International Chinese Association of Computer Human Interaction (ICACHI). He was named as one of the Asian Human-Computer Interaction Heroes in ACM CHI 2015. He was a visiting professor at the University of Toronto and several universities in China, and also a visiting faculty researcher at IBM Research (Almaden).

Prof. Ren has been working on fundamental studies in the field of human-computer Interaction (HCI) for around 30 years. His research interests include all aspects of human-computer interaction, particularly human performance models, pen-based interaction, multi-touch interaction, eye-based interaction, haptic interaction, gesture input, game interaction, mindfulness interaction, user interfaces for older users and for people with visual impairments. In recent years, he and his colleagues have established a new conceptual framework: Human-Engaged Computing (HEC) for rethinking the relationship between humans and computers which seeks to establish maximum synergism between human capacities and technological capabilities. Human-Engaged Computing (HEC) framework has been outlined in an article for IEEE Computer in August 2016 and further elaborated in CCF Transactions in January 2019. It has also been presented in two invited panels about the future relationship between humans and computers (AI) at ACM CHI 2017 and CHI 2021. Prof. Ren and his colleagues have established a unique research framework based on information technology, incorporating methodologies such as user studies, human performance modeling, the development of new algorithms, systematically applying HCI and HEC theories to technical design, development and applications for the augmentation of human capacities, human wellbeing and enhancement; his book entitled Human-Engaged Computing will be published in Tsinghua Press in Chinese and CRC press in English.

He has received over 30 grants (25 as principal investigator) from various institutions and 29 awards for various achievements including ACM ISS 2016 best paper award, ACM CHI 2017 best paper award, CHI 2019 honourable mention award, IEEE SmartComp 2017 best community paper award, and CCF Transactions best paper award in 2019, 2023. He has credits in more than 300 published research papers including top-tier HCI journal papers, e.g. ACM TOCHI, Computer (IEEE) and IJHCS, and flagship conference papers such as ACM CHI, UIST, ISS, SIGGRAPH. Eighteen Ph.D. students have obtained their Ph.D. degrees

and five postdoctoral fellowships have been supervised under Prof. Ren's direction.

Prof. Ren has presented talks at various institutions and international conferences. He often serves as a reviewer, associate editor, guest editor, conference/program chair and program/steering committee member. He co-founded the International Symposium on Interactive Technology and Ageing Populations 2016 (IxAP 2016) and the International Workshop on Human-Engaged Computing (IWHEC 2017 - 2023), and was the general conference co-chair of two conferences. He has organized several workshops and Special Interesting Groups at ACM CHI and ACM ISS on interactive technologies for aging, engagement, and computational aesthetics (ACM CHI 2015, CHI 2016, CHI 2017, CHI 2018 and ISS 2018).

More detailed information can be found at <http://xiangshiren.com>

Full resume can be downloaded at <http://www.info.kochi-tech.ac.jp/ren/pdf/Xiangshi-REN-CV.pdf>

The Center for Human-Engaged Computing (CHEC) at <http://xrenlab.com/>

1. Personal information

a. Last Name, First Name, Contact Information

Last Name: Ren

First Name: Xiangshi

Mailing Address:

School of Information, Kochi University of Technology

185 Miyanokuchi, Tosayamada-cho, Kami-shi, Kochi 782-8502, Japan

Tel & Fax : +81-887-57-2209 (Direct)

Fax: +81-887-57-2220 (Dept. Office)

Email: xsren@acm.org

b. Educational Background

Institution	Degrees	Majors
Tokyo Denki University	Ph.D., March, 1996	Information and Communication Engineering
Tokyo Denki University	M.E., March, 1993	Information and Communication Engineering
Tokyo Denki University	B.E., March, 1991	Electrical and Communication Engineering

c. Employment background

Institution	Dates	Titles
Kochi University of Technology, Center for Human-Engaged Computing,	2015 –	Director & Professor
Kochi University of Technology, Center for Human-Computer Interaction,	2012 –2014,	Director & Professor
Kochi University of Technology, School of Information,	2013 –	Lifetime tenured professor
Kochi University of Technology, School of Information,	2010 –	Professor

Kochi University of Technology, Department of Information Systems Engineering, 2008 –2009,
Professor

Kochi University of Technology, Department of Information Systems Engineering, 2005 – 2008,
Associate Professor

Kochi University of Technology, Department of Information Systems Engineering, 2000 – 2004,
Assistant Professor

Tokyo Denki University, Department of Information and Communication Engineering, 1996-99
Instructor

2. Teaching and advising

a. Courses taught

(i) Tokyo Denki University

College of Engineering I

Department of Information and Communication Engineering (Department C)

Year (student) Name of Course Year (taught)

2nd year, Fundamental Laboratory on Information and Communication Engineering, 96 - 2000

2nd year, Electromagnetism II and Seminar, Spring 2000

3rd year, Information and Communication Engineering Laboratory I, 96, 97

3rd year, Information and Communication Engineering Laboratory, 98 - 2000

4th year, Information and Communication Engineering Laboratory II, 96

4th year, Information and Communication Projects, 97 - 2000

College of Engineering II (Evening Division)

Department of Information and Communication Engineering (Department C)

Year (student) Name of Course Year (taught)

1st year, Introduction to Information and Communication Technology, 98

1st year, Fundamental Electrical Theory, 2000

2nd year, Electromagnetism and Seminar II, Spring 96 - 2000

2nd year, Electromagnetism and Seminar III, Fall 96 - 98

4th year, Information and Communication Engineering Laboratory II, 96

4th year, Information and Communication Projects, 97 - 2000

Junior College

Department of Electronics Engineering (Department E)

2nd year, Introduction to HCI (Human-Computer Interaction), 96 - 98

(ii) Kochi University of Technology

College of Engineering

Department of Information Systems Engineering

Year (student) Name of Course Year (taught)

1st year, Computer literacy I, 1st quarter 2001
 1st year, Guidance for professional education, 1st quarter, 2001-
 1st year, Seminar I, 1st, 2nd quarter, 2001- 2002
 3rd year, Seminar II, 1st, 2nd quarter, 2001
 3rd year, Seminar III, 3rd, 4th quarter, 2001- 2002
 1st year, Computer literacy III, 3rd quarter 2001
 2nd year, Computer language II (Java), 4th quarter 2001
 2nd year, Information Systems Laboratory II, 3rd, 4th quarter 2001-2003
 3rd year, Information Systems Laboratory III, 3rd quarter 4/2002 – 3/2010
 3rd year, Information Systems Laboratory IV, 3rd, 4th quarter 4/2002 -3/2010
 3rd year, Database Systems, 4th quarter, 2001; 2nd quarter 2002 -2014
 3rd year, Internship, 2nd quarter, 2001 – 2004
 4th year, Introduction to Human Computer Interaction, 2007 –
 4th year, Graduation Theses, 2001 –

Graduate School of Engineering

Course on Information Systems Engineering

Year (student) Name of Course Year (taught)

Science and technology, 3rd quarter and 4th quarter 2019 –

Advanced Human-Computer Interaction, 3rd quarter 2001, 4th quarter 2002 –

b. Advising: research direction

(i) Postdoc (5)

Date

Current

William Delamare Institute of Technology	October 1, 2017– August 31, 2019,	Assistant Professor, ESTIA
Zhenxin Wang Technology	June 2015–March 2018,	Visiting Researcher, Kochi Univ. of
Sayan Sarcar	Feb 2015–Jan 2018,	Assistant Professor, Birmingham City University
Chaklam Silpasuwanchai Technology	April 2015–March 2017,	Assistant Professor, Asian Institute of
Kibum Kim	Oct 2012–Sept 2014,	Professor, Hanyang University

(ii) Doctoral Students (19)

Thesis Title

Date

1. Zhihang Guo (expected September 2024)
2. Peng Tan (expected September 2024)
3. Chen Wang (expected September 2024)
4. Yang Li, Designing Text Revision Strategies in Advanced User Interfaces, March 2021 (Researcher, TCL).
5. Xinhui Jiang, A Study of Eye and Finger Behaviors for Text Input in Mobile Interfaces, March 2021 (Researcher, BYD).
6. Kavous Salehzadeh Niksirat, An Empirical Investigation of Human-Engaged Computing through Mindfulness-based Mobile Applications, September 2018 (Postdoc, EPFL).

7. Mahmoud Mohamed Hussien (Jan 2017), Effectiveness of the Virtual Environment to Develop Skills of Producing Three-Dimension Learning Objects and Self -Regulation of Students in the Instructional Technology Department (Assistant Professor, South Valley University, Qena, Egypt)
8. Handtyo Aulia Putra (September 2016), A Study of Air-Based Interaction: Input and Haptic Feedback (Assistant Professor, Keimyung University)
9. Nem Khan Dim (March 2016), Understanding and Designing Motion Gesture Interfaces for People with Visual Impairments (Assistant Professor, Yangon University)
10. Chaklam Silpasuwanchai, Enhancing HCI Design through Game Engagement Principles: Large-scale Investigation and Empirical Study (Assistant Professor, Asian Institute of Technology, Thailand)
11. Huawei Tu, Designing Touch-based Gesture Interactions, September 2012 (Senior lecturer, Latrobe University)
12. Minghui Sun, A Study of Haptic Input and Output Modalities in Pen-based User Interfaces: Vibration, Texture and Hand Posture, March 2011 (Associate Professor, College of Computer Science and Technology, Jilin University, China)
13. Feng Wang, Leveraging Finger Properties for Natural Interaction with Direct-Touch Surfaces, March 2011 (Professor, Guangzhou University, China)
14. Yizhong Xin, Pen pressure, tilt, and azimuth in pen-based interfaces: Human capability and utilization, March 2010 (Professor, School of Information Science & Engineering, Shenyang University of Technology, China)
15. Chuanyi Liu, Natural and Smooth Pen-based Interaction Utilizing Multiple Pen Input Channels, March 2010 (Associate Professor, School of Information Science & Engineering, Lanzhou University, China)
16. Xiaolei Zhou, Modeling Speed-Accuracy Tradeoff in Trajectory-based Tasks with Subjective Bias and Temporal Constraint for User Interface Design, September 2009 (Associate Professor, School of Information, Capital University of Economics and Business, China)
17. Xinyong Zhang, Improving Usability of Eye-based Interaction, March 2008 (Associate Professor, School of Information, Renmin University of China, China)
18. Jibin Yin, Interaction Techniques Utilizing Pen Device Characteristics & Various Input Modalities for Pen Computing, August, 2007. (Associate Professor, Kunming University of Sci. and Tech., China)
19. Jing Kong, Considering Subjective Factors in Performance Models for Human-Computer Interface Design and Evaluation, March, 2006. (Research fellow, Nagoya University, Japan)

(iii) PhD committees served on as internal/external examiner/opponent

1. 2024 Xiaozhi Ma, Kochi University of Technology, March 2024
2. 2023 David Alimo, Kochi University of Technology, March 2023
3. 2021 The opponent for Bin Zhu's the public defense of doctoral theses, KTH Royal Institute of Technology
4. 2021 Jun Yu, Kochi University of Technology, March 2021
5. 2018 Ranjan Maity, Indian Institute of Technology Guwahati, November 2018
6. 2018 Mitra Tagizadeh, Kochi University of Technology, March 2018
7. 2016 Saifur Rahman Sabuj, Kochi University of Technology, September 2016
8. 2016 Kittipong Warasup, Kochi University of Technology, March 2016
9. 2014Jingyun Wang, Kochi University of Technology, March 2014

10. 2014 Yingsong Li, Kochi University of Technology, March 2014
11. 2011 Dingyun Zhu, Research School of Computer Science, The Australian National University, Natural Interaction for Camera Viewpoint Control in Teleoperation, December 2011,
12. 2009 Michinari Yuyama, Building and use of advanced materials database for research and development, March 2009, Kochi University of Technology
13. 2009 Miao Song, A psychophysical investigation of recognition strategy and function modeling for the human face-responsive neural system, September 2009, Kochi University of Technology
14. 2007 Christopher Pilgrim, User Goals and Web Site Navigation – Implications for the Design of Sitemaps, 2007, Pro-Vice Chancellor, Swinburne University of Technology

(iv) Master's students	Thesis Title	Date
1.	Yibin Jia	(March 2024)
2.	Takaaki Kubo	(March 2024)
3.	Junlin Sun,	Sept 2022
4.	Xiaofei Zhu,	Sept 2022
5.	Chunyuan Lan,	March 2022
6.	Yilin Zheng,	March 2021
7.	Fitra Rahma Muliani,	Sept 2020
8.	Ayumu Ono,	March 2020
9.	Jingxin Liu,	March 2020
10.	Zhengyi Han,	March 2019
11.	Fang Qi,	Sept 2017
12.	Masaki Obata,	March 2017
13.	Toshiaki Shiraki,	March 2017
14.	Naoteru Jinjo,	March 2016
15.	Kousuke Kume,	March 2016
16.	Ryo Mizobata,	March 2015
17.	Masashi Okamoto,	March 2015
18.	Taiga Machida,	March 2015
19.	Yoshitaka Ohara,	March 2014
20.	Masatoshi Kusuba,	March 2013
21.	Yusuke Hayashi,	March 2013
22.	Tomoki Ooya, Multimodal feedbacks for steering and hovering tasks in pen input systems,	March 2009
23.	Fumiya Fukutoku, A study of stroke interface in trajectory-based tasks,	March 2009
24.	Tomoaki Tsuchida, Pen Tilt and Azimuth Characteristics,	March, 2008
25.	Taishi Kato, The Optimal Size of Pen-Input Character Boxes and Development of the Handwriting Character Input Interface,	March 2005
26.	Masafumi Ogasawara, The Physical Design of Handheld Devices and Development of the System for Measuring Human Performance Indices,	March 2005
27.	Kinya Tamura, The Influence of Conversion candidate Display Styles in Japanese and Chinese on Input Efficiency,	March 2005
28.	Ryusuke Ueta, Designing a Pen-based Application for Note-Taking and Informal Presentations,	

March 2005

(v) Visiting PhD/Master/Bachelor students (55)

1. Toni Hautaoja (University of Jyväskylä in Finland), 2025 Finland
2. Carlota Roca (Valencia Polytechnic University), 2024 Spain
3. Yujia Liu, Tongji University (2022.10-2023.8)) CSC scholarship China
4. Xiaoxuan Li, BNU (2019.11-2020.8)
5. Yanyin Zhou, Kunming University of Science and Technology (2019.11- 2020.2)
6. Jaiyuan Geng, Zhuhai College of Jilin University (2019.10- 2020.4)
7. Meihui Jin, Huazhong University of Technology (2019.7)
8. Anran Wu, Zhuhai College of Jilin University (2018.10-2019.5)
9. Yugandhara Suren Hiray (B.Des, 3rd year, IDC, IIT Bombay) (2018.10-2019.3)
10. Junlin Sun (3rd year, HIT, China), July 2018
11. Xinyue Hu, BNU (2018.4-2018.7)
12. Heyue Wang, BNU (2018.4-2018.7)
13. Shuang Wang, BNU (2018.4-2018.7)
14. Luxi Wang, BNU (2018.4-2018.7)
15. Mengyao Wu, BNU (2018.4-2018.7)
16. Yilin Zheng, Zhuhai College of Jilin University (2017.10- 2018.5)
17. Ming-Wei Hung, Troy High School (2017.6) USA
18. Ratnadira Widyasari, ITB (2017.6-8) India
19. Chi Zhang, BNU (2017.4-2017.8)
20. Xiaoxu Wang, BNU (2017.4-2017.8)
21. Qihong Xu, BNU (2017.4-2017.8)
22. Xueying Wang, BNU (2017.4-2017.8)
23. Yiqun Wang, BNU (2017.4-2017.8)
24. Zhuang Li , Jilin Univ. (2017.1)
25. Tao Yu, Jilin Univ. (2016.11-2017.4)
26. Donglei Song, Jilin Univ. (2016.11-2017.4)
27. Jingxin Liu, Jilin Univ. (2016.11-2017.5)
28. Chunyuan Lan, Jilin Univ. (2016.10-2017.5)
29. Ruimin Lyu (2016.2; 2016.8)
30. Wenxing Liu (2016.8)
31. Qiuheqi Zhong, Tsinghua Univ. (2016.8-2017.2)
32. Fitra Rahmamuliani, ITB (2016.6-2016.8) Indonesia
33. Xue Wang, BIT (2016.3-2016.8)
34. Jing Fan, BIT (2016.3-2016.8)
35. Chen Wang, Jilin Univ. (2016.2-2016.3)
36. Jiaxin Yu, Jilin Univ. (2016.1-2016.2)
37. Dongcai Wen, Jilin Univ. (2015.11-2016.5)

38. Guanghui Chen, Jilin Univ. (2015.11-2016.5)
39. Zijing Yang, USTB (2015.10 – 2016.9)
40. Qinglong Wang, Jilin Univ. (2015.6 – 2016.12)
41. Jiabing Wang, BIT (2015.4 – 2015. 9)
42. Ping Ju, Jilin Univ. (2015.2 – 2015.5)
43. Mahmoud Mohamed Hussein Ahmed, South Valley University (2015.2 – 2017.2) Egypt
44. Shiming Ren, BIT, 2012.6
45. Kuo Pang, Jilin Univ. (2014.4 - 2015.2)
46. Shaowei Chu, Tsukuba Univ. (2013.7)
47. Yan Pei, Kyushu Univ. (2013.7)
48. Yingda Lu, Jilin Univ. 2013
49. Yang Gao, Jilin Univ. (2011.10 – 2012.9)
50. Yuan Fu, Jilin Univ. 2011
51. Xin Li , Jilin Univ. 2010
52. Ying-Dong Yang, University of Alberta 2010
53. Xiang Cao, University of Toronto, 2008
54. Shengdong Zhao, University of Toronto, 2009
55. Dongxing Bao, 2009

(vi) Visiting Professor/Researcher (86)

1. Dr. Shuqiu Tan, Chongqing University of Technology (2022.9 – 2023.9) CSC Fellowship
2. Prof. Liang Sun, Dalian University of Technology (2019.9 - 12) JASSO Research Fellowship
3. Dr. Shumin Zhai, Google Research (2019.7)
4. Prof. Wen Gao, Peking University (2019.4)
5. Prof. Guozhong Dai, CAS of China (2019.3)
6. Dr. Aliaksei Miniukovich, University of Trento (2019.1)
7. Prof. Kibum Kim, Hanyang University (2019.1)
8. Dr. Sayan Sarcar, University of Tsukuba (2019.1)
9. Prof. Tomoo Inoue, University of Tsukuba (2019.1)
10. Prof. Toshio Fukuda, Meijo University (2018.12)
11. Prof. Dongdong Wen, Beijing Institute of Technology (2018.12)
12. Prof. Etsuko Harada, University of Tsukuba (December 7, 2018)
13. Prof. Antti Oulasvirta, Aalto University (2018.8)
14. Prof. Rong Rong, University of Massachusetts Amherst (July 1, 2018)
15. Prof. Kibum Kim, Hanyang University (May 10-12, 2018)
16. Prof. Miwako Doi, National Institute of Information and Communications Technology (January 18, 2018)
17. Prof. Yanchun Liang, Zhuhai College of Jilin University (January 10, 2018)
18. Prof. Masa Inakage, Keio University (2017.12)
19. Prof. Alan Borning, University of Washington (2017.11)
20. Prof. Huatong Sun, UW Tacoma (2017.11)

21. Prof. Effie Law, University of Leicester (2017.11)
22. Prof. Antti Oulasvirta, Aalto University (2017.11)
23. Prof. Ann Light, University of Sussex (2017.11)
24. Prof. Torkil, Clemmensen, Copenhagen Business School (2017.11)
25. Prof. Jeffrey Bardzell, Indiana University (2017.11)
26. Prof. Kibum Kim, Keimyung University (2017.7)
27. Prof. Huawei Tu, Nanjing University of Aeronautics and Astronautics (2017.7-9) JASSO Research Fellowship
28. Yiqiang Chen, Institute of Computing Technology, Chinese Academy of Sciences (2017.3)
29. Barry Brown, Stockholm University, Sweden (2017.3)
30. Airi Lampinen, Stockholm University, Sweden (2017.3)
31. Donny McMillan, Stockholm University, Sweden (2017.3)
32. Feng Yao, Kagawa Univ. (2017.2)
33. Koji Yatani, University of Tokyo (2016.12)
34. Zhengjie Liu, Sino-European Usability Center, Dalian Maritime University (2016.12)
35. Dongyi Chen, Mobile Computing Center, University of Electronic Science and Technology (2016.12)
36. Zhiliang Wang, USTB (2016.12)
37. Jiannan Chi, USTB (2016.12)
38. Anirusha Joshi, Industrial Design Centre, IIT Bombay (2016.12)
39. Stephen Brewster, University of Glasgow (2016.11)
40. Abd El-Rahem Ahmed Ahmed Salama, South Valley University (2016.11)
41. Yongtian Wang, BIT (2016.10)
42. Effie Law, University of Leicester (2016.10)
43. Yue Liu, BIT (2016.10)
44. Jiro Tanaka, Waseda Univ. (2016.10)
45. Hai-Ning Liang, Xi'an Jiaotong-Liverpool University (2016.10)
46. Seungmoon Choi, POSTTECH (2013.7;2016.10)
47. Fu Zhiyong, Tsinghua Univ. (2016.10)
48. Haipeng Mi, Tsinghua Univ. (2016.10)
49. Huawei Tu, Nanjing University of Aeronautics and Astronautics (2016.10)
50. Hai-Ning Liang (2016.10)
51. Kibum Kim, Keimyung University (2016.10)
52. Joanna MCGrenere, University of British Columbia (2016.10)
53. Harold Thimbleby, Swansea University (2016.10)
54. Frank Vetere, University of Melbourne (2016.10)
55. Kazuki Takashima, Tohoku University (2016.10)
56. Hiroshi Miyamoto, Nankoku Central Hospital, Japan (2016.10)
57. Toshiya Murai, Kyoto Univ. (2016.4)
58. Jussi Jokinen, , Aalto University (2016.3-2016.4; 2017.3)
59. Ruimin Lyu, Jiangnan Univ. (2016.2; 2016.8)

60. Daisuke Sakamoto, University of Tokyo (2015.12)
61. Shuxiang Guo, Kagawa Univ. (2015.12)
62. You Zhou, Jilin Univ. (2015.11)
63. Shili Xu, Jilin Univ. (2015.10)
64. Jingchuan Fu, Jilin Univ. (2015.10)
65. Yanchun Liang, Jilin Univ. (2015.10)
66. Shouyi Chen, Jilin Univ. (2015.10)
67. Antti Oulasvirta, Aalto University (2015.10; 2016.10)
68. Huatong Sun, University of Washington Tacoma (2015.4)
69. Xu Hao, Jilin Univ. (2015.2)
70. Huang Lan, Jilin Univ. (2015.2)
71. Toshiyuki Masui, Keio Univ. (2014.4)
72. Ichiro SIIO, Ochaomizu Univ. (2013.12)
73. Jiannong Cao, Hong Kong Polytechnic University (2013.11)
74. Shinsuke Shimojo, Caltech (2013.10)
75. Minghui Sun, Jilin Univ. (2013.7)
76. Henry B. Duh, University of Tasmania (2013.7)
77. Paula Alexandra Silva, Universidade Portucalense (2013.6)
78. Edward Yagi, Nanzan University (2013.6)
79. Parisa Eslambolchilar, Swansea University (2013.6)
80. Yixin Yin, USTB (2013.4)
81. Jijun Shan, York University (2012.11)
82. Hideki Koike, Tokyo Institute of Technology (2012.11)
83. Fuji Ren, Tokushima Univ. (2012.11)
84. Kentaro Kotani, Kansai Univ. (2012.10)
85. Koki Kyo, Obihiro University (2012.6)
86. Yen-Wei Chen, Ritsumeikan University (2012.5)

3. Service

a. Professional

(i) Offices held in professional societies

(Senior) Member, (Vice) President

2023-present Member, The Japanese Society for Artificial Intelligence 人工知能学会

2021 Member, The Engineering Academy of Japan

2020 Fellow, Information Processing Society of Japan

2019-present Member, The Society of Chinese Professors in Japan 日本华人教授会議

2018-present Member, The Japanese Society for Cognitive Psychology 日本認知心理学会

2016 Honorary lifetime president of the International Chinese Association of Computer Human Interaction (ICACHI)

2015-2016 President, International Chinese Association of Human Computer Interaction (ICAHCI)
2012-2014 Founding President, International Chinese Association of Human Computer Interaction (ICAHCI),
2011-present Senior Member, ACM (Association for Computing Machinery)
2007-present Senior Member, IEEE (The Institute of Electrical and Electronics Engineers)
2001-2010 Vice president, Chinese Academy of Science and Engineering in Japan (CASEJ)
2000-present Member, ACM (Association for Computing Machinery), ACM SIGCHI (Special Interest Group on Computer-Human Interaction)
2000-present Member, IEEE Computer Society
1999-present Member, HIS (Human Interface Society), Japan
1998-2000 Member, BCS (British Computer Society) HCI (Human-Computer Interaction) Group
1996-2018 Member, CASEJ (Chinese Academy of Science and Engineering in Japan)
1998 Founding member, Human Interface Society, Japan,
1991-present Member, Information Processing Society of Japan,
1990-present Member, IEICE (Institute of Electronics, Information and Communication Engineers), Japan

Program/ Organizing committee

2020 Organizing Committee, International Symposium on Artificial Intelligence in Medical Sciences (ISAIMS 2020)
2020 Program Committee, The 10th International Workshop on Assistive Engineering and Information Technology (AEIT 2020)
2019 計測自動制御学会 SI2019 実行委員会委員(December 2018 - December, 2019)
2017-2021 Founding chair and Conference co-chair, International Workshop on Human-Engaged Computing (IWHEC 2017, Nov 10; IWHEC 2019 Jan 12; IWHEC 2020, Jan 10; IWHEC 2021 March 19 - 20, all in Kochi, Japan).
2019 Honorary Chairman for sixth International Symposium of Chinese CHI (Chinese CHI 2019, June 27-30, Xiamen, China)
2017 Honorary Chairman for fifth International Symposium of Chinese CHI (Chinese CHI 2017, June 8-9, Guangzhou, China)
2017 Associate Program Chair, ACM CHI 2017 (ACM Annual SIGCHI Conference: Human Factors in Computing Systems)
2015 Associate Program Chair, ACM CHI 2015
2013 Associate Program Chair, ACM CHI 2013
2016 バイオメディカルファジィシステム学会 BMFSA2016 の実行委員会メンバー
2016 Conference co-chair, International Symposium on Interactive Technology and Ageing Populations 2016 (IxAP 2016, October 20-22, 2016, Kochi, Japan)
2016 Associate Program Chair, ACM SIGCHI Conference on Designing Interactive Systems (ACM DIS 2016)
2014-present Steering committee member for the second, third, fourth International Symposium of Chinese CHI (Chinese CHI 2014, 2015, 2016, 26-27 April in Toronto, 18-19 April in Seoul, 8 April in San Jose)
2014 Advisory Council Chairs, International Symposium on Interaction design and Human Factors (IDHF 2014, Nov 25-27, 2014, Kochi, Japan; IDHF 2016, October 20-22, 2016, Kochi, Japan)

2013 Conference Co-Chair, The First International Symposium of Chinese CHI (Chinese CHI 2013, 27-28 April in Paris, France).

2013 Program committee, The Eighth International Conference on Innovative Computing, Information and Control (ICICIC 2013)

2012 Organizing Chair, International Workshop on the Next Generation Human Computer Interaction Jointly with the 2nd International Chinese Scholar Workshop on Human Computer Interaction (August 29, Matsue, Japan)

2012 Program Chair, APCHI 2012 (10th Asia Pacific Conference on Computer Human Interaction, Matsue, Japan, <http://www.apchi2012.org/>)

2012 Organizing Chair, International Workshop on the Next Generation Human Computer Interaction Jointly with the 1st International Chinese Scholar Workshop on Human Computer Interaction (May 10, Austin, USA)

2011 Program Chair, ICINIS2011 (The 4th International Conference on Intelligent Networks and Intelligent Systems, November 1-3, 2011, Kunming, China)

2010 Program Chair, IEEE International Conference on Information and Automation (ICIA 2010)

2009 Program committee member for 3rd International Conference on Complex, Intelligent and Software Intensive Systems (CISIS-2009)

2009 日本機械学会 福祉工学シンポジウム 2009 委員会 実行委員

2009 Program Committee of the Eighth Annual Pre-ICIS HCI/MIS Workshop

2008-2010 Program committee member for the first (ISII2008), second (ISII2009), third (ISII2010) International Symposium on Intelligent Informatics

2008-2016 Program committee member for the International Conference on Advances in Computer-Human Interaction (ACHI 2008 - 2016)

2007-2010 Program committee, International Conference on Innovative Computing, Information and Control

2007-2021 Program committee, IEEE International Conference on Mechatronics and Automation (ICMA)

2006-2007 Program committee, International Conference on Intelligent User Interfaces (ACM IUI 2006, IUI2007)

2006-2007 Program committee, The Annual Pre-ICIS HCI/MIS Workshop

2006 Program committee member for International Conference on Information and Communication Technology (ICICT2006)

2006 Program committee member for Information-MFCSIT'06 (4rd International Conference on Information)

2005-2007 Professional Activities Chair, IEEE Shikoku Section

2005 Program committee, The Third International Conference on Active Media Technology (ATM 2005)

2005 Program committee, The 2005 International Conference on Embedded and Ubiquitous Computing (EUC2005)

2004 Program committee member for Information 2004 (3rd International Conference on Information)

2004 Program committee, The 2004 International Conference on Computer and Information Technology (CIT 2004)

2004-2008 Organizing Committee for the International Conference on Next Era Information Networking (NEINE'04, NEINE'05, NEINE'06, NEINE'07, NEINE'08)

2003 Organizing committee member for 2003 Japanese-Chinese Academic Symposium in

Fujihakone

2003 Program committee, International Academic Symposium - Fusion and Development of Science & Technology in the Twenty-First Century

2002 Organizing Chair, International Academic Symposium of Science & Technology in the Twenty-First Century

2002 Program committee, The 5th Asia Pacific Conference on Computer Human Interaction (APCHI 2002)

2001-2006 Program committee member for INTERACTION 2001, 2002, 2003, 2004, 2005, 2006 (IPJSJ' symposium in Japan)

Session Chairs

Session Chair for many international conferences and local conferences

(Guest) Editor, Steering committee

2022- present Editorial board, Science & Technology Review (科技导报)

2021-2022 Associate editor, ACM Transactions on Computer-Human Interaction

2020-2022 Guest editor, MDPI Sustainability Special Issue of Sustainable Human-Computer Interaction

2019-2020 Guest editor, Signal Processing: Image Communication Special Issue on Deep Image/Video Feature Engineering for Human-Computer Interaction

2012-2014 Guest editor, Special Issue of International Journal of Human-Computer Interaction (IJHCI)

2012-2013 Guest editor, Special Issue of International Journal of Innovational Computing & Information Control (IJICIC),

2012 Guest editor, Special Issue of ICIC Express Letter,

2011-2022 Associate Editor, Journal of Jilin University (Engineering and Technology Edition)

2009-present Associate Editor, International Journal of Advanced Intelligence (IJAI)

2008-2012 Associate Editor, International Journal of Innovational Computing & Information Control (IJICIC)

2008-2012 Committee member, Best Paper Awards of IPSJ Journal (Information Processing Society of Japan)

2008–2012 Associate Editor, IPSJ Journal (Information Processing Society of Japan)

2008-2010 Council of IEICE (Institute of Electronics, Information and Communication Engineers) Shikoku Section

2007 Special issue editor, Special Issue of Information on the 10th Anniversary Symposium of CASEJ

2006-2010 Steering committee member for Pen Input Community in Japan

2005-2017 Council of Human Centered Design Organization (HCD-Net)

2005-2009 Steering committee member for SIGHCI of IPSJ

2005-2007 Professional Activities Chair, IEEE Shikoku Section

2002 – 2004 Editorial board, International Journal of Asian Information-Science-Life (Published by Nova Science Publishers Inc., NY, USA)

2002 –2003 Guest editor, Special Issue of International Journal of Asian Information-Science-Life on Human-Computer Interaction,

2001-2003 Steering committee member for HIS (Human Interface Society in Japan) Special Interest

Group on Usability,

2001 - Steering committee member for HIS Special Interest Group on Ubiquitous Interface and Application,

(ii) Reviewing

Tsinghua University, tenured professor promotion, Aug 2021

Assessment for University of Macau Multi-Year Research Grant 2020, 2020

Aalto University, faculty promotion, Feb 2020

KAIST, faculty promotion, Sept 2019

International Journal of Industrial Ergonomics (ERGON), 2017-

Xi'an Jiaotong-Liverpool University (XJTLU), application for RDF (Research Development Fund) project, 2016

National Tsing Hua University, faculty promotion, March 2016

Judges for SRC (Student Research Competition) at ACM CHI 2015, 2015

The Ministry of Education (MOE) China, Chang Jiang Scholars Program, 2015 -

Journal of Computer Science and Technology (JCST, <http://jcst.ict.ac.cn>), 2014 –

State University of New York (Albany), faculty promotion, Feb 2013

IEEE Transactions on Neural Systems & Rehabilitation Engineering, 2013 -

Human Factors (Journal), 2012-

Sensors (Journal), 2012 -

IEEE Transactions on Vehicular Technology, 2011-

The ACM International Conference on Interactive Tabletops and Surfaces (ITS), 2010-

IEICE Transactions on Information and Systems, 2010-

Journal of Visual Languages and Computation, 2009-

International Journal of Advanced Intelligence, 2009-

International Journal of Human-Computer Studies (IJHCS) , 2007-

ACM IUI, 2007-

FIT (Forum on Information Technology), 2006-

IEEE SMC-C Trans. 2005-

ACM CHI, 2004-

ACM UIST, 2004-

Oversea reviewer for Institute of Software, Chinese Academy of Sciences, 2004-

International Journal of Human-Computer Interaction (IJHCI), 2003-

IPSJ (Information Processing Society of Japan) Journal, 2002-

HIS (Transactions of Human Interface Society) Journal, 2002-

ACM (Association for Computing Machinery) Transactions on Computer-Human Interaction, 1999-

b. University

Advising: research direction for 6 undergraduate students, 4 master students, 3 doctoral students in 2020

Advisor: research direction for 12 undergraduate students, 4 master students, 3 doctoral students in

2018

...

Advisor: research direction for 7 undergraduate students, 2 master students, 3 doctoral students in 2012

Advisor: research direction for 8 undergraduate students, 2 master students, 1 doctoral student in 2011

Advisor: research direction for 5 undergraduate students, 3 doctoral students in 2010

Advisor: research direction for 8 undergraduate students, 2 master students, 4 doctoral students in 2009

Advisor: research direction for 12 undergraduate students, 3 master students, 5 doctoral students in 2008

2007 入学生募集促進特別委員会 委員

Advisor: research direction for 13 undergraduate students, 3 master students, 4 doctoral students in 2007

Advisor: research direction for 14 undergraduate students, 1 master student, 3 doctoral students in 2006

Advisor: research direction for 12 undergraduate students, 3 doctoral students in 2005

Board of International Relations Center (2005 -)

Advisor on research direction for 6 undergraduate students, 4 master students, 3 doctoral students in 2004

Liaison and coordination committee of Internship (2002-2004)

Member of WG for study skills of university students (2002-2003)

Test writer, entrance examination (2001-2002; 2019)

Member, College of Library and Information Services (2001-2003)

Member of WG for graduate presentation of the department (2001, 2002, 2003)

Advisor on research direction for 5, 6, 5 undergraduate students, in 2001, 2002, 2003 respectively

Committee member on five other boards (2000 - 2008)

c. Other activities

Member of the Executive Committee of CASEJ, 1998-2018

Committee member for Life & Culture Association of Tokyo Ota Commemoration Pavilion, 1995 – 96

Vice-chairman of the Association of Chinese Childhood Education Support, 1995 -2000

Panelist for Foreign Students in Japan forum 1994 in Hiroshima, August, 1994

Committee member for the orientation of foreign students attending Japanese universities, 1992 – 93

4. Honors, Grants and Collaboration

a. Grants

1. JSPS fellowship FY 2017-2018 (1,100, 000 JPY)
2. Japan-Finland research projects within FY2014 Strategic International Collaborative Research Program (SICORP), User Interface Design for the Ageing Population, 18, 000,000 JP Yen, April 2015- March 2018.

3. Gran-in-Aid for CHEC by KUT (25,000,000 JPY), 2015-2019.
4. Gran-in-Aid for CHCI by KUT (12,000,000 JPY), 2012-2014.
5. *Grant-in-Aid for Scientific Research by MEXT (Ministry of Education, Culture, Sports, Science and Technology) in Japan (No. 25330241) (4,940,000 JPY), Assisting Blind People to Interact with Public Displays, April 1, 2013 – March 31, 2016.
6. Grant-in-Aid for Scientific Research by MEXT (Ministry of Education, Culture, Sports, Science and Technology) in Japan (No. 23300048)(20,540,000 JPY), Development of Next generation user interface through pen and touch properties, April 1, 2011 – March 31, 2014.
7. The 8th Collaborative Research Project in Japan by Microsoft Research (FY12-Q2_CORE8_Project)(1,800,000 JPY), Enhancing Kinect-based Interaction Effectiveness by Utilizing Various Input and Output Modalities, April 1, 2012 – March 31, 2013.
8. Grant-in-Aid for Scientific Research by MEXT (Ministry of Education, Culture, Sports, Science and Technology) in Japan (No.20500118)(4,550,000 JPY), An Investigation into the Human Capability to Control Pen Pressure, Tilt and Azimuth and Development of Pen Input Techniques, April 1, 2008 – March 31, 2011.
9. CASIO Science Promotion Foundation Travel Grant (300,000 JPY): ACM Conference on Human Factors in Computing Systems (CHI 2008, 5- 10 April 2008, Florence, Italy).
10. A Special Grant-in-Aid for Graduate School Enhancement (1,000,000 JPY), April 1, 2007- March 31, 2008.
11. The award given by Microsoft Co., Ltd.(Microsoft IJARC Collaborative Research Projects) (2,000,000 JPY) 2007 - 2008
12. Japan Society for the Promotion of Science (JSPS) Travel Grant (350,000 JPY): The eleventh IFIP Conference on Human-Computer Interaction, Rio De Janeiro, Brazil, September, 2007.
13. A Special Grant-in-Aid for Graduate School Enhancement (1,000,000 JPY), April 1, 2006- March 31, 2007.
14. Academic Frontiers Promotion Program by MEXT (Ministry of Education, Culture, Sports, Science and Technology) in Japan (5,000,000 JPY), April 1, 2006- March 31, 2011.
15. Invited to the 7th Microsoft Research Asia Faculty Summit (<http://124.42.126.180/microsoft/index.htm>), October, 2006.
16. CASIO Science Promotion Foundation, December 1, 2006 - November 31, 2007 (1,000,000 JPY)
17. Exploratory Software Project of IPA (Information-technology promotion agency, Japan), November 2006 – September 15, 2007. (4,000,000 JPY) 未踏ソフトウェア創造事業 個人入選 独立行政法人 情報処理推進機構
18. A Special Grant-in-Aid for Graduate School Enhancement (2,561,000 JPY), April 1, 2005- March 31, 2006.
19. A Special Grant-in-Aid for Graduate School Enhancement (1,000,000 JPY), April 1, 2005- March 31, 2006.
20. Foundation for C&C Promotion Travel Grant (150,000 JPY): WEC2004 (the World Engineers Convention, Shanghai, China, November 2-6, 2004).
21. SSR corp. (300,000 JPY), Human-Computer Interaction Research, July 1, 2003- March 31, 2004.
22. *Ministry of Science and Technology in Yunna, China, A study on Multi-functional digital pen interaction and pen/video based on net-meeting system. 2004.
23. Grant-in-Aid for Scientific Research by MEXT (Ministry of Education, Culture, Sports, Science and Technology) in Japan (No.14780338)(3,200,000 JPY), Pen-based note-taking system, April

- 1, 2002 – March 31, 2005.
24. Denso IT laboratory, Inc. (1,000,000 JPY), Human-Computer Interaction Research, October 1, 2001- March 31, 2002.
25. *High-Tech Research Center Development Program (10,600,000 JPY), Human interface, April 1, 2001- March 31, 2006.
26. Tokyo Denki University Research Foundation Travel Grant (250,000 JPY): The Seventh IFIP Conference on Human-Computer Interaction, Edinburgh, UK, 1999.
27. The Telecommunications Advancement Foundation (TAF) Travel Grant (310,000 JPY): HCI'98: the primary European annual conference on human-computer interaction, Sheffield Hallam University, UK, 1998.
28. The TEPCO Research Foundation Travel Grant (410,000 JPY): IFIP Working Conference on Engineering for Human-Computer Interaction, Crete, Greece, 1998.
29. *The National High Technology Research and Development Programme (863) in China, Project No. 863-306-ZD-11-5. July 1997 – June 1998.
30. The International Information Science Foundation (IISF) Travel Grant (250,000 JPY): The Sixth IFIP Conference on Human-Computer Interaction, Sydney, Australia, 1997.
31. Foundation for C&C Promotion Travel Grant (250,000 JPY): The 5th International Conference on Human-Computer Interaction (HCI International '93), Florida, USA, 1993.
32. Research Subsidy, Tokyo Denki University, 4/91 – 3/96.

*All as principal investigator except **

b. Honors/Awards

1. 2023 CCF TPCI best paper award (one of three papers selected from all publications in 2022)
2. 2021 The member of the Engineering Academy of Japan (EAJ)
3. 2020 Fellow Information Processing Society of Japan (IPSJ)
4. 2020 CCF TPCI best paper award (one of two papers selected from all publications in 2019)
5. 2019 ACM CHI 2019 honourable mention award top 5% of the submissions
6. 2017 ACM CHI 2017 Best Paper Award, top 1% of the submissions
7. 2017 IEEE SmartComp 2017 best community paper award.
8. 2016 ACM ISS 2016 Best Paper Award, top 1% of the submissions
9. 2016 Honorary Life Time President, International Chinese Association of Human Computer Interaction (ICAHCI), 2016 -
10. 2016 IxAP 2016 best poster (Nov 2016)
11. 2015 ACM CHI 2015 Local hero (April 2015)
12. 2012 Best Poster/Demonstration Award, APCHI 2012 (August, 2012)
13. 2011 Senior Member, ACM (Association for Computing Machinery), 2011 -
14. 2010 National Institute of Standards and Technology (NIST is an agency of the U.S. Department of Commerce) Award (July, 2010)
15. 2009 Best paper Award at FIT 2009 (FIT: Forum on Information Technology) (Sept., 2009)
16. 2008 Four Best Student Paper Awards at NEINE 2008 (Tomoki Oya, Fumiya Fukutoku, Yizhong Xin, Chanyi Liu)
17. 2007 Senior Member, IEEE (The Institute of Electrical and Electronics Engineers), 2007-

18. 2006 Best Student Paper Award (Xinyong Zhang) determined by Awards Committee APCHI 2006 (from the Seventh Asia-Pacific Conference on Computer Human Interaction)
19. 2006 Best Student Paper Award (Jibin Yin) determined by Awards Committee APCHI 2006 (from the Seventh Asia-Pacific Conference on Computer Human Interaction)
20. 2005 Best Evaluation of Faculty Award, Kochi University of Technology (November, 2005).
21. 2001 Best Paper Award, Tokyo Denki University (2001). 東京電機大学研究振興会論文賞
22. 1999 Best Evaluation of Faculty Award, Tokyo Denki University (March, 1999).
23. 1999 Best Paper Award, Tokyo Denki University (1999). 東京電機大学研究振興会論文賞
24. 1997 Best Paper Award: The NTCS/W-97 (New Technologies on Computer Software): 1st International Symposium on Computer Software New Technologies, Beijing, China, 1997.
25. 1996 Niwa Yasujiro Prize in Tokyo Denki University, 1996.
26. 1994-1996 Scholarship student, Tokyu Foundation For Inbound Students, 4/94 – 3/96
27. 1992-1994 Scholarship student, Kanbayashi Foundation For Inbound Students, 4/92 – 3/94
28. 1991-1996 Scholarship student, Tokyo Denki University, 4/91 – 3/96
29. 1989-1993 Scholarship student, Kawamoto Scholarship Foundation, 4/89 – 3/93

c. Patent

Japan Patent No. 6797406: Ren, X., Wang, Q., Contact input device, issued Nov. 20, 2020.

Japan Patent No. 6942345: Ren, X., Input device and input program, issued Sept. 10, 2021.

d. Collaboration/visiting

1. Visiting faculty researcher, IBM Almaden Research Center (San Jose, USA), April 2010
2. Visiting professor, University of Toronto (Toronto, Canada), May – September 2010
3. Visiting professor, Jilin University (Changchun, China), December 2008 – December 2013
4. Visiting professor, University of Washington (Seattle, USA), May 2006
5. Collaborating faculty research, NIME (National Institute of Multimedia Education, Japan), 2003-2005
6. Chief scientist, SSR corp. 2003
7. Visiting faculty researcher, Microsoft Research Asia (Beijing, China), March 2002
8. Collaborating faculty researcher, IBM Almaden Research Center (San Jose, USA), 2001-2010
9. Collaboration with Nokia Research Center, Fujitsu Laboratory, Tokyo Denki University, Asahigawa University, Institute of Software (Chinese Academy of Sciences), Peking University, University of Manitoba, Microsoft Research Cambridge (UK), Microsoft Research Asia, University of Toronto, Aalto University 2001 -

5. Invited Talk/Keynote/Panel (not including regular presentations at conferences) - 91 items

2023

Chinese CHI 2023, Nov

PengCheng Lab, October

Nanjing University, October

Industry and Innovation Panel at AIED 2023 (the 24th International Conference on Artificial Intelligence in Education), July 5

2022

1. 日本華僑華人博士協會, December 17
2. IEEE UV 2022, October 24
3. 日本華人教授會議 2022 年度會員總會と日中国交正常化 50 周年フォーラム, October 15
4. Chinese CHI 2022, November 5

2021

5. Chinese CHI 2021, October 16
6. 海智精英国际论坛 2021, October 15
7. NSF (USA) workshop, May 17
8. CHI 2021, May 8
9. IWHEC 2021, March 19

2020

10. ISAIMS 2020, Sept 12, 2020
11. 未来城市与智能媒体交互, June 19, 2020
12. ICACHI 云论坛第一期 人机共协计算 May 23, 2020

2019

13. 日本華人教授會議 2019 年度 (第 16 回) シンポジウム Nov 16, 2019
14. CarlxD International Forum 2019, Shanghai, Oct 18, 2019
15. Fuzhou Univ., Sept 11, 2019
16. Google Beijing, July 16, 2019
17. Chinese CHI 2019, June 29, 2019
18. KAIST, May 23, 2019
19. Panel in CHI 2019 workshop – HCI in China, May 4, 2019
20. Jilin University, March 7, 2019

2018

21. ICVRV & ChinaVR 2018, Qingdao, October 23 <http://www.icrvr.org/keynote.html>
22. IxAP & IDHF 2018, Qingdao, October 23
23. 2018 Beibu-Gulf International Forum for Advanced Science and Technology Development, Qinzhou, Sept 21
24. 中国计算机学会 第十四届和谐人机环境联合学术会议, Tianjing, Sept 15, (HHME 2018) <http://hhme.ccf.org.cn/meeting/thematicForum.html>

25. Huawei (Canada) Technologies CO., LTD, April 27
26. The GIAN program on Advances of Neuro-Technology and its Applications to Brain Computing Interfaces, in IIT Kharagpur, Jan 15

2017

27. Harbin Engineering University, Dec 30,
28. International Symposium of Big Data Industry Applications in China Science and Technology City, Mianyang, Dec 20
29. Summit Symposium of “the Preventive Disease Treatment and Health Management”– under “the Prospective of Health China”, Hangzhou, Dec 8
30. Zhuhai College of Jilin Univ., December 1
31. The 22nd Annual Conference of the Virtual Reality Society of Japan, in Tokushima, Sept 29
32. Chinese Association for Artificial Intelligence, in Qingdao, July 6
33. East China Jiaotong University, June 10
34. Chinese CHI 2017, June 8
35. Nanjing University of Aeronautics and Astronautics, April 18
36. Beijing Institute of Technology, April 17
37. Jilin Univ., Jan 4

2016

38. Zhuhai College of Jilin Univ., December 23
39. The Symposium on HCI, Internet and VR in Hangzhou, September 24
40. The 2016 Symposium on Internet of Things and AI in Beijing, September 20
41. Jilin Univ., September 3
42. Shenzhen Univ., April 22
43. Zhuhai College of Jilin Univ., April 20
44. Jilin Univ., April 29

2015

45. Zhuhai College of Jilin Univ., Dec
46. Tokushima Univ., Nov
47. Beijing Institute of Technology, Oct
48. Jilin Univ. September
49. USTB, July
50. Nanjing Univ. July
51. Jilin Univ. May

2014

52. Jilin University, December 30, 2014
53. Anhui University, November 15, 2014
54. Jilin University, May 28, 2014

55. Beijing Institute of Technology, March 20, 2014
56. University of Science and Technology Beijing (USTB), March 15, 2014
57. Huawei Technologies CO., LTD (Shenzhen), March 12, 2014
58. Hong Kong Polytechnic University, March 10, 2014

2013

59. Dalian Nationalities University (DNU), Nov 20, 2013
60. Dalian Maritime University, Nov 19, 2013
61. University of Science and Technology Beijing (USTB), May 24, 2013
62. Hong Kong Polytechnic University, April 2, 2013
63. Ristumeikan University, February 4, 2013

2012

64. 4th FCPAE Europe - China Forum 2012, Vienna, November 17, 2012
65. Microsoft Research Asia Faculty Summit 2012, Tanjin, October 27, 2012
66. Beijing Institute of Technology, September 14, 2012
67. Jilin University, August 15, 2012
68. Nokia Research Center Beijing, June 6, 2012
69. University of Huston, May 11, 2012

2011

70. Northeast Normal University, December 7, 2011
71. ICINIS2011, November 1, 2011
72. Jilin University, September 21, 2011
73. Beijing Institute of Technology, September 14, 2011
74. Xihua University, September 6, 2011
75. Xidian University, September 2, 2011
76. Northwestern Polytechnical University, September 1, 2011
77. Taiyuan University of Technology, August 29, 2011
78. Jilin University, June 13, 2011
79. Changchun University, June 10, 2011
80. University of Alberta, May 16, 2011
81. Kagawa University, January 12, 2011
82. Microsoft Research Asia, January 4, 2011

2010

83. University of Toronto, DGP Seminar, September 28, 2010
84. Beijing University of Institute, September 8, 2010
85. Beijing University of Chemical Technology, September 7, 2010
86. University of Manitoba, August 20, 2010

87. Autodesk Research, August 18, 2010
88. IBM Research (Almaden), May 12, 2010
89. Jilin University, March 24, 2010

2009

90. Jilin University, June 12, 2009
91. MCE workshop, Beijing, China, March 6, 2009

2006

92. Microsoft Research Asia, May, 2006

1997

93. Monash University (Victoria, Australia), March, 1997
94. NEC C&C Research Inc., NEC Research Institute Inc. (Princeton, USA), March, 1997

6. Publications

a. Books (11 items)

(i) Books

1. Ren, X. and Wang, C.: Human-Engaged Computing, CRC Press, to appear in 2025.
2. Ren et al.: Human-Engaged Computing (in Chinese), Tsinghua University Press (《人机协同计算》, 清华大学出版社), August, 2024.
3. Go, K., Karashima, M., Fukuzumi, S., and Ren, X. (edited): Proceedings of the APCHI2012 (10th Asia Pacific Conference on Computer Human Interaction), ACM Press, August, 2012.
4. Ren, X., and Dai, G. (edited): *Evolution of the Human-Computer Interaction*, Nova Science Publishers, April, 2005.
5. Dai, G., Dong, S., Chen, Y., and Ren, X. (edited): *Proceedings of the APCHI2002 (5th Asia Pacific Conference on Computer Human Interaction)*, Vol.1 & Vol.2, Science Press, November, 2002.
6. co-editor: *Frontiers in research science and technology*, Chinese Science and Technology Publisher, December 2002.

(ii) Chapters in books

7. Silpasuwanchai, C., & Ren, X. (2018). A Quick Look at Game Engagement Theories. *The Wiley Handbook of Human Computer Interaction*, Vol. 2, pp.657-679.
8. Zhou, X. and Ren, X. (2012). Speed-Accuracy Tradeoff Models in Target-based and Trajectory-based Movements, *Biomedical Engineering and Cognitive Neuroscience for Healthcare: Interdisciplinary Applications*, pp.355-368, IGI Global. DOI: 10.4018/978-1-4666-2113-8, ISBN13: 9781466621138
9. Ren, X., Yin, J., Zhao, S. and Li, Y. Improving Target Acquisitions through Utilizing Pen Pressure, *Chapter 11 in Human-Computer Interaction*, Excellence in Education and Publishing, 2008, pp.163-176.
10. Ren, X., A survey of human-computer interaction research and development, *in Frontiers in research science and technology*, Chinese Science and Technology Publisher, December 2002.

11. Ren, X., The minimal sizes and the quasi-optimal sizes for the input square during pen-input of characters, in *Collectanea of research results of Chinese students in Japan*, Science Press, 1993.

b. Articles in refereed journals (97 papers)

1. Tan, P., & Ren, X. (2024). The effects of rhythmic footstep and sound interactions on creativity: A design and evaluation study. *International Journal of Human-Computer Interaction*, 1-26.
2. Wang, C. and Ren, X. (2024). Paradigm Shift: From Human-Computer Interaction to Human-Engaged Computing, *Science & Technology Review* (王晨, 任向实 : 从人机交互到人机协同计算, 《科技导报》封面专稿, 2024年5月)。
3. Guo, Z., Thawonmas, R. and Ren, X. (2024). Reflection on Dynamic Difficulty Adjustment and Its Design Goals in Interactive Game System Design, in *Entertainment Computing*
4. Kim, K., Ren, X. (2024). The Effects of Walk-in-Place and Overground Walking on the Acquisition of Spatial Information by People with Visual Impairment in Virtual Reality Wayfinding, in *International Journal of Human-Computer Interaction*.
5. Wang, C., Miniukovich, A. and Ren, X. (2024). An Interpretable Metric of Visual Aesthetics for GUI Design. *Behaviour & Information Technology*, DOI: 10.1080/0144929X.2024.2325030
6. Tan, P., Ren, X. (2023). Rhythm research in interactive system design: A literature review, in *International Journal of Human-Computer Interaction*.
7. Delamare, W., Harada, D., Yang, L., & Ren, X. (2023). Guiding gaze gestures on smartwatches: Introducing fireworks. *International Journal of Human-Computer Studies*, 103196. (Q1)
8. Tan, P., Ren, X., Cheng, Z., & Ji, Y. (2023). A framework for students' digital heritage education in the classroom-a human-engaged computing perspective. *Education and Information Technologies*, 1-23.
9. Yang Li, Sayan Sarcar, Kibum Kim, Huawei Tu, Xiangshi Ren: Designing successive target selection in virtual reality via penetrating the intangible interface with handheld controllers. *Int. J. Hum. Comput. Stud.* 165: 102835 (2022)
10. Kavous Salehzadeh Niksirat, Fitra Rahmamuliani, Xiangshi Ren, Pearl Pu: Understanding intergenerational fitness tracking practices: 12 suggestions for design. *CCF Trans. Pervasive Comput. Interact.* 4(1): 13-31 (2022) **CCF Transactions on Pervasive Computing and Interaction 2023 Best paper award**
11. Xinhui Jiang, Jussi P. P. Jokinen, Antti Oulasvirta, Xiangshi Ren: Learning to type with mobile keyboards: Findings with a randomized keyboard. *Comput. Hum. Behav.* 126: 106992 (2022)
12. Huawei Tu, Weiyang Huan, Xing-Dong Yang, Xiangshi Ren, Feng Tian: ArmMenu: command input on distant displays with proprioception based lateral arm movements. *Behaviour & Information Technology*, 40(13): 1428-1447 (2021)
13. Li, X., Salehzadeh N.K., Chen, S., Weng, D., Sarcar, S., Ren, X. (2020). The Impact of a Multitasking-based Virtual Reality Motion Video Game on the Cognitive and Physical Abilities of Older Adults. Special Issue of "Sustainable Human-Computer Interaction" in *Sustainability*, MDPI AG, 2020, Impact Factor: 2.576.
14. Chen Wang, Xiaojun (Jenny) Yuan and Xiangshi Ren (2020). Twelve Agendas on Interacting with Information: A Human-Engaged Computing Perspective, *Data and Information Management*, 4(3), 191-199, Sciendo.
15. Jussi Pekka Jokinen, Zhenxin Wang, Sayan Sarcar; Antti Oulasvirta, Xiangshi Ren (2019). Adaptive Feature Guidance: Modelling Visual Search with Graphical Layouts, *Int J of Human-*

16. Niksirat, K.S., Silpasuwanchai, C., Cheng, P. & Ren, X. (2019). Attention Regulation Framework: Designing Self-Regulated Mindfulness Technologies, in *ACM Transactions on Computer-Human Interaction (TOCHI)*, 26(6), 1-14.
17. Ren, X., Silpasuwanchai, C., and Cahill, J. (2019). Human-Engaged Computing: The Future of Human-Computer Interaction, in *CCF Transactions on Pervasive Computing and Interaction*, pp.47–68, Springer. **Selected feature paper in Springer, and CCF TPCI best paper award (one of two papers selected from all publications in 2019)**
18. Niksirat, K.S., Park, K., Silpasuwanchai, C., Wang, Z., & Ren, X. (2019). The relationship between flow proneness in everyday life and variations in the volume of gray matter in the dopaminergic system: a cross-sectional study. *Personality and Individual Differences*, Elsevier (5-year impact factor: 2.39).
19. Huawei Tu, Qiulong Yang, Xiaohan Liu, Jiabin Yuan, Xiangshi Ren, Feng Tian (2018). Differences and Similarities between Dominant and Non-dominant Thumbs for Pointing and Gesturing Tasks with Bimanual Tablet Gripping Interaction, *Interacting with Computers*, 30(3), 243–257, Oxford University Press.
20. Sarcar, S., Jokinen, J., Oulasvirta, A., Silpasuwanchai, C., Ren, X. (2018). Ability-Based Optimization of Touchscreen Interactions, *Pervasive Computing: Special Issue – Accessibility*, 17(1) : 15-26, IEEE.
21. Nem Khan Dim, Kibum Kim, Xiangshi Ren (2018). Designing motion marking menus for people with visual impairments. *International Journal of Human Computer Studies (IJHCS)*,109: 79-88.
22. Tian, F., Lyu, F., Zhang, X., Ren, X. and Wang, H. (2017). An Empirical Study on the Interaction Capability of Arm Stretching, *International Journal of Human-Computer Interaction*, 33(7): 565-575.
23. Dim, NK and Ren, X. (2017). Investigation of Suitable Body Parts for Wearable Vibration Feedback in Walking Navigation, *International Journal of Human Computer Studies (IJHCS)*, Vol. 97, No. 1, pp. 34-44.
24. Ren, X. (2016). Rethinking the relationship between humans and computers, *Computer*, Vol.49, No.8, pp.104-108, IEEE.
25. Kim, K., Ren, X., Choi, S., and Tan, H. (2016). Assisting People with Visual Impairments in Aiming at a Target on a Large Wall-Mounted Display, *International Journal of Human Computer Studies (IJHCS)*, Vol.86, No.2, pp.109–120.
26. Putra, H.A. and Ren, X. (2016). AirVis: An Air-Based Physical Visual and Tactile Display, *ICIC Express letters, Part B: Applications*, 7(12), 2511-2518.
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