Curriculum Vitae

Xiangshi Ren (Ren, X.)

March 3, 2016

1. Personal information

a. Personal data

Date of birth: August 17, 1965

Place of birth: Changchun, Jilin, China

Nationality: Chinese (permanent resident in Japan)

b. Current Position

Professor, School of Information, Kochi University of Technology

Director, Center for Human-Computer Interaction, 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

c. 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

d. Employment background

Institution	Dates	Titles
Kochi University of Technology, Center for Human-Engaging Computer	2014 –,	Director & Professor
Kochi University of Technology, Center for Human-Computer Interaction	2012 –2013,	Director & 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 -

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)

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

b. Advising: research direction

(i) Postdoc	**Date**
Zhenxin Wang	June 2015 –
Chaklam Silpasuwanchai	April 2015 –
Sayan Sarcar	Feb 2015 –
Kibum Kim	Oct 2012 – Sept 2014

(ii) Doctoral Students **Thesis Title** **Date**

- Kavous (expected September 2018)
- Handtyo Aulia (expected September 2016)
- Nem Khan Dim (March 2016), Understanding and Designing Motion Gesture Interfaces for People with Visual Impairments.
- Chaklam Silpasuwanchai, Enhancing HCI Design through Game Engagement Principles: Large-scale Investigation and Empirical Study (Assistant Professor, Kochi University of Technology, Japan)
- Huawei Tu, Designing Touch-based Gesture Interactions, September 2012 (Postdoctral Researcher, Swansea University, UK)
- Minghui Sun, A Study of Haptic Input and Output Modalities in Pen-based User Interfaces:

Vibration, Texture and Hand Posture, March 2011 (Postdoctral Researcher, Riken, Japan; Assistant Professor, College of Computer Science and Technology, Jilin University, China)

- Feng Wang, Leveraging Finger Properties for Natural Interaction with Direct-Touch Surfaces, March 2011 (Prof. & Vice dean, School of Information, Kunming University of Sci. and Tech., China)
- Yizhong Xin, Pen pressure, tilt, and azimuth in pen-based interfaces: Human capability and utilization, March 2010 (Associate Professor, School of Information Science & Engineering, Shenyang University of Technology, China)
- 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)
- Xiaolei Zhou, Modeling Speed-Accuracy Tradeoff in Trajectory-based Tasks with Subjective Bias and Temporal Constraint for User Interface Design, September 2009 (Research assistant, Computer Science Department, National University of Singapore; Assistant Professor, School of Information, Capital University of Economics and Business, China)
- Xinyong Zhang, Improving Usability of Eye-based Interaction, March 2008 (Asst. Prof., School of Information, Renmin University of China, China)
- 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)
- 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

- Kittipong Warasup, Kochi University of Technology
- Jingyun Wang, Kochi University of Technology, March 2014
- Yingsong Li, Kochi University of Technology, March 2014
- Dingyun Zhu, Natural Interaction for Camera Viewpoint Control in Teleoperation, December 2011, Research School of Computer Science, The Australian National University
- Jie Ma, June 2011, JiLin University
- Xin Ma, June 2011, JiLin University
- Gang Wang, June 2011, JiLin University
- Xiangli Xu, June 2011, JiLin University
- Wei Du, June 2011, JiLin University
- Yanwen Li, June 2011, JiLin University
- Chen Zhang, June 2011, JiLin University
- Jie Dong, June 2011, JiLin University

- Junping Zhou, June 2011, JiLin University
- Yu Jiang, June 2011, JiLin University
- Jie Dong, June 2011, JiLin University
- Yuanfang Dong, December 2011, JiLin University
- Hui Zhao, December 2011, JiLin University
- Wei Wei, December 2011, JiLin University
- Michinari Yuyama, Building and use of advanced materials database for research and development, March 2009, Kochi University of Technology
- Miao Song, A psychophysical investigation of recognition strategy and function modeling for the human face-responsive neural system, September 2009, Kochi University of Technology
- Christopher Pilgrim, User Goals and Web Site Navigation – Implications for the Design of Sitemaps, 2007, Deputy Dean, Information and Communication Technologies, Swinburne University of Technology

(iv) Master's students Thesis Title Date

- Fang Qi (expected Sept 2017)
- Masaki Obata (expected March 2017)
- Toshiaki Shiraki (expected March 2017)
- Naoteru Jinjo, March 2016
- Kousuke Kume, March 2016
- Ryo Mizobata, March 2015
- Masashi Okamoto, March 2015
- Taiga Machida, March 2015
- Ohara Yoshitaka, March 2014
- Masatoshi Kusuba, March 2013
- Yusuke Hayashi, March 2013
- Tomoki Ooya, Multimodal feedbacks for steering and hovering tasks in pen input systems, March 2009
- Fumiya Fukutoku, A study of stroke interface in trajectory-based tasks, March 2009
- Tomoaki Tsuchida, Pen Tilt and Azimuth Characteristics, March, 2008
- Taishi Kato, The Optimal Size of Pen-Input Character Boxes and Development of the Handwriting Character Input Interface, March 2005
- Masafumi Ogasawara, The Physical Design of Handheld Devices and Development of the System for Measuring Human Performance Indices, March 2005
- Kinya Tamura, The Influence of Conversion candidate Display Styles in Japanese and Chinese on Input Efficiency, March 2005
- Ryusuke Ueta, Designing a Pen-based Application for Note-Taking and Informal Presentations,

March 2005

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

- Fitra Rahmamuliani (2016.6-2016.8)
- Jussi Jokinen (2016.3-2016.4)
- Xue Wang (2016.3-2016.8)
- Jin Fang (2016.3-2016.8)
- Chen Wang (2016.2-2016.3)
- Jiaxin Yu (2016.1-2016.2)
- Dongcai Wen (2015.11-2016.5)
- Guanghui Chen (2015.11-2016.5)
- Zhijing Yang (2015.10 – 2016.9)
- Qinglong Wang (2015.6 – 2016.6)
- Jiabing Wang (2015.4 – 2015. 9)
- Ping Ju (2015.2 – 5)
- Mahmoud Mohamed Hussein Ahmed (2012.2 – 2017.2)
- Kuo Pang (2014.4 - 2015.2)
- Yingda Lu 2013
- Yang Gao (2011.10 – 2012.9)
- Yuan Fu 2011
- Xin Li 2010
- Dongxing Bao 2009

3. Service

a. Professional

(i) Offices held in professional societies

(Senior) Member, (Vice) President

President, International Chinese Association of Human Computer Interaction (ICAHCI), 2014 -2016

Founding President, International Chinese Association of Human Computer Interaction (ICAHCI), 2012 - 2014

中国科协海智计划贵州工作基地 科技专家，2012 -

Senior Member, ACM (Association for Computing Machinery), 2011 -

吉林省海外交流协会海外理事, 2010 –

中国科学技术协会海外海智计划专家, 2010 -

Senior Member, IEEE (The Institute of Electrical and Electronics Engineers), 2007-

中华全国青年联合会 IT 青年联谊会 海外会员, 2007 –

Vice president, Chinese Academy of Science and Engineering in Japan (CASEJ), 2001-
Member, ACM (Association for Computing Machinery), ACM SIGCHI (Special Interest Group on Computer-Human Interaction), 2000-
Member, IEEE Computer Society, 2000-2006
Member, HIS (Human Interface Society), Japan, 1999-
Member, BCS (British Computer Society) HCI (Human-Computer Interaction) Group, 1998-
Member, CASEJ (Chinese Academy of Science and Engineering in Japan), 1996-
Member, IPSJ (Information Processing Society of Japan), 1991-
Member, IEICE (Institute of Electronics, Information and Communication Engineers), Japan, 1990-
Founding member, Human Interface Society, Japan, 1998

Program/ Organizing committee

Program committee member (Associate Program Chair) for DIS 2016 (ACM SIGCHI Conference on Designing Interactive)
Steering committee, The third International Symposium of Chinese CHI (Chinese CHI 2016, 8 May in San Jose, US)
Steering committee, The third International Symposium of Chinese CHI (Chinese CHI 2015, 18-19 April in Seoul, Korea)
Program committee member (Associate Program Chair) for ACM CHI 2015 (Annual SIGCHI Conference: Human Factors in Computing Systems)
Advisory Council Chairs, International Symposium on Interaction design and Human Factors (IDHF 2014)
Steering committee, The Second International Symposium of Chinese CHI (Chinese CHI 2014, 26-27 April in Toronto, Canada).
Conference co-Chair, The First International Symposium of Chinese CHI (Chinese CHI 2013, 27-28 April in Paris, France).
Program committee member for the Eighth International Conference on Innovative Computing, Information and Control (ICICIC2013)
Program committee member (Associate Program Chair) for ACM CHI 2013 (Annual SIGCHI Conference: Human Factors in Computing Systems).
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)
Program Chair, APCHI 2012 (10th Asia Pacific Conference on Computer Human Interaction, Matsue, Japan, http://www.apchi2012.org/)
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)

Program Chair, ICINIS2011 (The 4th International Conference on Intelligent Networks and Intelligent Systems, November 1-3, 2011, Kunming, China, http://www.inass.org/conferences.asp)

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

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

福祉工学シンポジウム 2009 委員会 実行委員

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

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

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

Program committee member for the Second (ICICIC2007), third (ICICIC2008), fourth (ICICIC2009) , fifth (ICICIC2010) International Conference on Innovative Computing, Information and Control

Program committee member the 2007, 2008, 2009 IEEE International Conference on Mechatronics and Automation (ICMA 2007, ICMA2008, ICMA2009)

Program committee member for the 2006, 2007 International Conference on Intelligent User Interfaces (IUI 2006, IUI2007) http://iuiconf.org/

Program committee member for the Fifth (2006), Sixth (2007) Annual Pre-ICIS HCI/MIS Workshop

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

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

Program committee member for the Third International Conference on Active Media Technology (ATM2005)

Program committee member for the 2005 International Conference on Embedded and Ubiquitous Computing (EUC2005)

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

Program committee for the 2004 International Conference on Computer and Information Technology (CIT2004)

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

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

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

Organizing Chair for 2002 International Academic Symposium of Science & Technology in the

Twenty-First Century

Program committee member for APCHI 2002 (5th Asia Pacific Conference on Computer Human Interaction)

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

Session Chairs

Session Chair for many international conferences and local conferences

(Guest) Editor, Steering committee

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

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

Guest editor, Special Issue of ICIC Express Letter, 2012

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

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

Associate Editor, International Journal of Innovational Computing & Information Control (IJICIC), January 2008 –

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

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

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

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

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

Councilman of Human Centered Design Organization (HCD-Net), 2005-

Steering committee member for SIGHCI of IPSJ, 2005-2009

Professional Activities Chair, IEEE Shikoku Section, 2005-2007

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

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

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

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

(ii) Reviewing

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

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

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 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

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)

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

Director of the 2nd lab, Joint research center Changchun University and CASEJ, China, 2009 -

Member of the Executive Committee of CASEJ, 1998-

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. FY2014 Strategic International Collaborative Research Program (SICORP), User Interface Design for the Ageing Population, 18, 000,000 JP Yen, 2015-2017.
2. Gran-in-Aid for CHEC by KUT (25,000,000 JPY), 2015-2019.
3. Gran-in-Aid for CHCI by KUT (12,000,000 JPY), 2012-2014.
4. *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.
5. National Natural Science Foundation of China (No. 61228206, 海外及港澳学者合作研究基金) (200,000 CHY), 基于设备属性融合的人机交互技术研究, January 2013 – December 2014.
6. *National Natural Science Foundation of China (No. 61100091) (280,000 CHY), 基于压力和角度的多自由度笔式交互策略研究, January 2012 – December 2014.
7. 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.
8. *National Natural Science Foundation of China (No. 61063027) (230,000 CHY), 触控技术中的界面范式与交互关键技术研究, January 2011 – December 2013.

9. 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.
10. 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.
11. 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).
12. A Special Grant-in-Aid for Graduate School Enhancement (1,000,000 JPY), April 1, 2007- March 31, 2008.
13. The award given by Microsoft Co., Ltd.(Microsoft IJARC Collaborative Research Projects) (2,000,000 JPY) 2007 - 2008
14. 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.
15. A Special Grant-in-Aid for Graduate School Enhancement (1,000,000 JPY), April 1, 2006- March 31, 2007.
16. 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.
17. Invited to the 7th Microsoft Research Asia Faculty Summit (http://124.42.126.180/microsoft/index.htm), October, 2006.
18. CASIO Science Promotion Foundation, December 1, 2006 - November 31, 2007 (1,000,000 JPY)
19. Exploratory Software Project of IPA (Information-technology promotion agency, Japan), November 2006 – September 15, 2007. (4,000,000 JPY)
20. A Special Grant-in-Aid for Graduate School Enhancement (2,561,000 JPY), April 1, 2005- March 31, 2006.
21. A Special Grant-in-Aid for Graduate School Enhancement (1,000,000 JPY), April 1, 2005- March 31, 2006.
22. Foundation for C&C Promotion Travel Grant (150,000 JPY): WEC2004 (the World Engineers Convention, Shanghai, China, November 2-6, 2004).
23. SSR corp. (300,000 JPY), Human-Computer Interaction Research, July 1, 2003- March 31, 2004.
24. *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.
25. 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.
26. Denso IT laboratory, Inc. (1,000,000 JPY), Human-Computer Interaction Research, October 1,

2001- March 31, 2002.

27. *High-Tech Research Center Development Program (10,600,000 JPY), Human interface, April 1, 2001- March 31, 2006.
28. Tokyo Denki University Research Foundation Travel Grant (250,000 JPY): The Seventh IFIP Conference on Human-Computer Interaction, Edinburgh, UK, 1999.
29. 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.
30. The TEPCO Research Foundation Travel Grant (410,000 JPY): IFIP Working Conference on Engineering for Human-Computer Interaction, Crete, Greece, 1998.
31. *The National High Technology Research and Development Programme (863) in China, Project No. 863-306-ZD-11-5. July 1997 – June 1998.
32. The International Information Science Foundation (IISF) Travel Grant (250,000 JPY): The Sixth IFIP Conference on Human-Computer Interaction, Sydney, Australia, 1997.
33. Foundation for C&C Promotion Travel Grant (250,000 JPY): The 5th International Conference on Human-Computer Interaction (HCI International '93), Florida, USA, 1993.
34. Research Subsidy, Tokyo Denki University, 4/91 – 3/96.

*All as principal investigator except **

b. Awards

1. CHI 2015 Local hero (April 2015)
2. Best Poster/Demonstration Award at APCHI 2012 (August, 2012)
3. Senior Member, ACM (Association for Computing Machinery), 2011 -
4. National Institute of Standards and Technology (NIST is an agency of the U.S. Department of Commerce) Award (July, 2010)
5. Best paper Award at FIT2009 (FIT: Forum on Information Technology) (Sept., 2009)
6. Four Best Student Paper Awards at NEINE 2008 (Tomoki Oya, Fumiya Fukutoku, Yizhong Xin, Chanyi Liu)
7. Senior Member, IEEE (The Institute of Electrical and Electronics Engineers), 2007-
8. Best Student Paper Award (Xinyong Zhang) determined by Awards Committee APCHI 2006 (from the Seventh Asia-Pacific Conference on Computer Human Interaction)
9. Best Student Paper Award (Jibin Yin) determined by Awards Committee APCHI 2006 (from the Seventh Asia-Pacific Conference on Computer Human Interaction)
10. Best Evaluation of Faculty Award at Kochi University of Technology (November, 2005).
11. Best Evaluation of Faculty Award at Tokyo Denki University (March, 1999).
12. Best Paper Awards in Tokyo Denki University (1999, 2001).

13. Best Paper Award: The NTCS/W-97 (New Technologies on Computer Software): 1st International Symposium on Computer Software New Technologies, Beijing, China, 1997.
14. Niwa Yasujiro Prize in Tokyo Denki University, 1996.
15. Scholarship student, Tokyu Foundation For Inbound Students, 4/94 – 3/96
16. Scholarship student, Kanbayashi Foundation For Inbound Students, 4/92 – 3/94
17. Scholarship student, Tokyo Denki University, 4/91 – 3/96
18. Scholarship student, Kawamoto Scholarship Foundation, 4/89 – 3/93

c. Collaboration/visiting

1. Guest professor, Zhuhai College of Jilin University, March 2016 –
2. Doctoral supervisor, The University of Science and Technology Beijing (USTB), July 2014 –
3. Guest professor, The University of Science and Technology Beijing (USTB), June 2013 – June 2016
4. Tang Aoqing Chair Professor, Jilin University (Changchun, China), March 2010 – March 2013
5. Visiting faculty researcher, IBM Almaden Research Center (San Jose, USA), April 2010
6. Visiting professor, University of Toronto (Toronto, Canada), May – September 2010
7. Visiting professor, Changchun University (Changchun, China), March 2009 –
8. Visiting professor, Kunming University of Science and Technology, September 2008 –
9. Visiting professor, Jilin University (Changchun, China), December 2008 – December 2013
10. Visiting professor, Northeast Dianli University (Jilin, China), August 2007 -
11. Visiting professor, University of Washington (Seattle, USA), May 2006
12. Collaborating faculty research, NIME (National Institute of Multimedia Education, Japan), 2003-2005
13. Chief scientist, SSR corp. 2003
14. Visiting faculty researcher, Microsoft Research Asia (Beijing, China), March 2002
15. Collaborating faculty researcher, IBM Almaden Research Center (San Jose, USA), 2001-2010
16. Collaboration with Nokia Research Center, Fujitsu Libratory, 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, 2001 -

5. Invited Talks (not including presentations at conferences)

2015

- Zhuhai College of Jilin Univ., Dec
- Tokushima Univ., Nov
- Beijing Institute of Technology, Oct

- Jilin Univ. September
- USTB, July
- Nanjing Univ. July
- Jilin Univ. May

2014

- Jilin University, December 30, 2014
- Anhui University, November 15, 2014
- Jilin University, May 28, 2014
- Beijing Institute of Technology, March 20, 2014
- University of Science and Technology Beijing (USTB), March 15, 2014
- Huawei Technologies CO., LTD (Shenzhen), March 12, 2014
- Hong Kong Polytechnic University, March 10, 2014

2013

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

2012

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

2011

- Northeast Normal University, December 7, 2011
- ICINIS2011, November 1, 2011
- Jilin University, September 21, 2011
- Beijing Institute of Technology, September 14, 2011
- Xihua University, September 6, 2011
- Xidian University, September 2, 2011
- Northwestern Polytechnical University, September 1, 2011

- Taiyuan University of Technology, August 29, 2011
- Jilin University, June 13, 2011
- Changchun University, June 10, 2011
- University of Alberta, May 16, 2011
- Kagawa University, January 12, 2011
- Microsoft Research Asia, January 4, 2011

2010

- University of Toronto, DGP Seminar, September 28, 2010
- Beijing University of Institute, September 8, 2010
- Beijing University of Chemical Technology, September 7, 2010
- University of Manitoba, August 20, 2010
- Autodesk Research, August 18, 2010
- IBM Research (Almaden), May 12, 2010
- Jilin University, March 24, 2010

2009

- Jilin University, June 12, 2009
- MCE workshop, Beijing, China, March 6, 2009

2006

- Microsoft Research Asia, May, 2006

1997

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

6. Publications

a. Books (8 items)

(i) Books edited

1. Go, K., Karashima, M., Fukuzumi, S., and Ren, X.: Proceedings of the APCHI2012 (10th Asia Pacific Conference on Computer Human Interaction), ACM Press, August, 2012.
2. Ren, X., and Dai, G.: *Evolution of the Human-Computer Interaction*, Nova Science Publishers, April, 2005.
3. Dai, G., Dong, S., Chen, Y., and Ren, X.: *Proceedings of the APCHI2002 (5th Asia Pacific*

Conference on Computer Human Interaction), Vol.1 & Vol.2, Science Press, November, 2002.

4. co-editor: *Frontiers in research science and technology*, Chinese Science and Technology Publisher, December 2002.

(ii) Chapters in books

1. 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

2. Ren, X., Yin, J., Zhao, S. and Li, Y. Improving Target Acquisitions through Utilizing Pen Pressure, *Chapter 11 in Human-Computer Interaction*, Excelence in Education and Publishing, 2008, pp.163-176.

3. 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.

4. 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 (70 papers)

1. 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.

2. Kim, K., Ren, X. and Gao, Y. (2015). ShifTable: A Natural Remote Target Selection Technique on Large Displays, *Interacting with Computers* (IwC), Vol.27, No.5, pp.1-13.

3. Tu, H., Ren, X. and Zhai, S. (2015). Differences and Similarities between Finger and Pen Stroke Gestures on Stationary and Mobile devices, *ACM Transactions on Computer Human Interaction (ToCHI)*, Vol.22, No. 5, pp. 1-39.

4. Silpasuwanchai, C. and Ren, X. (2015). Designing Concurrent Full-Body Gestures for Intense Gameplay. *International Journal of Human Computer Studies (IJHCS)*, Vol.80, No.8, pp. 1-13.

5. Dim, NK and Ren, X. (2014). Designing Motion Gesture Interfaces in Mobile Phones for Blind People, *Journal of Computer Science and Technology*, Vol.29, No.5, pp. 812-824, Springer (SCI).

6. Kim, K. and Ren, X. (2014). Assisting Visually Impaired People to Acquire Targets on a Large Wall-Mounted Displays, *Journal of Computer Science and Technology*, Vol.29, No.5, pp. 825-836, Springer (SCI).

7. Zhao, J., Soukoreff, R.W., Ren, X. and Balakrishnana, R. (2014). A Model of Scrolling on Touch-Sensitive Displays, *International Journal of Human-Computer Studies (IJHCS)*, Vol.72, No.12, pp. 805-821 (SCI).

8. Go, K. and Ren, X. (2014): Special Issue on Human-Computer Interaction in the Asia-Pacific Region. *International Journal of Human-Computer Interaction*, Vol.30, No.8, pp. 613-614.

9. Tu, H., Ren, X., Tian, F., and Wang, F. (2014). Evaluation of Flick and Ring Scrolling on Touch-based Smart Phones, *International Journal of Human-Computer Interaction*, , Vol.30, No.8, pp. 643-653.Taylor & Francis (SCI).

10. Sun, M., Ren, X., Tu, H. and Tian, F. (2014). An Investigation into the Relationship between Texture and Human Performance in Steering and Gesture Input Tasks, *International Journal of Human-Computer Interaction*, Vol.30, No.8, pp. 654-662.Taylor & Francis (SCI).

11. Kotani, K. and Ren, X. (2013). Special Issue on Computer Human Interaction, *International Journal of Innovative Computing, Information and Control (IJICIC)*, Vol.9, No.12, pp.4603-4604.

12. Tu, H. and Ren, X. (2013). Optimal Entry Size of Handwritten Chinese Characters in Touch-based Mobile Phones, *International Journal of Human-Computer Interaction*, Vol. 29, No.1, pp. 1-12, Taylor & Francis (SCI). DOI:10.1080/10447318.2012.668130

13. Sun, M., Ren, X., Zhai, S. and Wang, F. (2013). The Impact of Candidate Display Styles for Japanese and Chinese Characters on Input Efficiency, *International Journal of Human-Computer Studies*, Vol.71, No.3, pp. 236-249, Elsevier Ltd. (SCI).

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15. Chu, C., Wang, F., Deng, H. and Ren, X. (2012). Establishing the Error Threshold for Alignment Tasks in Natural Direct-Touch Interaction, *ICIC Express Letter*, Vol.6, No.12, pp.3049 - 3054. (EI).

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    SCI 网络版：000296581200003，EI：20120314680686，DOI:10.1080/0144929X.2011.633353

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c. Articles in refereed international conference proceedings (162 papers)

1. Law, E., Silpasuwanchai, C., Ren, X., Bardzell, J., Clemmensen, T., Liu, Y. (2015). Leveraging and Integrating Eastern and Western Insights into Human Engagement Studies, *Extended Abstracts of the ACM Conference on Human Factors in Computing Systems (CHI Workshop '15). Seoul, Korea (April 18-23).* New York: ACM Press, pp.2433-2436. Acceptance rate = 25%

2. Machida, T., Dim, N.K., and Ren, X. (2015). Suitable Body Parts for Vibration Feedback in Walking Navigation Systems, *Proceedings of the Third International Symposium of Chinese CHI*. (18-19 April 2015, Seoul, Korea) ACM, New York, NY, USA, 32-36. Acceptance rate = 38%

3. Pang, K., Tu, H. and Ren, X. (2015). A Comparative Evaluation of Finger and Pen Stroke Gestures in Mobile Environments, *Proceedings of Chinese CHI 2015* (18-19 April 2015, Seoul, Korea), poster.

4. Ren, X., Silpasuwanchai, C., and Law, E. (2015). Human-Engaged Computing, *Proceedings of the Third International Symposium of Chinese CHI*. Poster.

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