



## CURRICULUM VITAE

**KUN-PYO LEE**

February 15, 2016

이건표(李健杓)

## CURRENT POSITION

Dean

School of Design

The Hong Kong Polytechnic University

Swire Chair Professor of Design

Swire

Alex Wong Shi Wah Gigi Wong Fook Chi Professor in Product Engineering

Design

Director

Human-Centered Interaction Design Lab (<http://dpl.kaist.ac.kr>)

President Emeritus

International Association of Societies of Design Research

## EDUCATION

- |           |   |
|-----------|---|
| 1998-2001 | PhD. In Design<br>University of Tsukuba (Fellowship by Japanese Society for the Promotion of Science)<br>Thesis: Culture and Its Effects on Human Interaction with Design   |
| 1982-1985 | Master of Science in Design<br>Institute of Design, Illinois Institute of Technology (only one of two scholars selected nationwide by Scholarship Program by Korean Ministry of Education)<br>Thesis: Collective Process for Improving and Selecting Design Concept |
| 1977-1982 | Bachelor of Fine Arts<br>Department of Industrial Design, Joong-Ang University  |

## PROFESSIONAL ACTIVITIES

2019~Present	Advisory Board Member, Hong Kong Designer Association
2019~Present	Board Member, Hong Kong Design Center
1988~2018	Professor, Department of Industrial Design, KAIST South Korea
2016~Present	Honorable Fellow, DRS (First in Asia, one of 8 fellows in the 50 years history, Design Research Society)
2017~Present	President Emeritus, IASDR (International Association of Societies of Design Research)
2010~2013	Executive Vice President, CDO, Corporate Design Center, LG Electronics
2011~2017	President, IASDR (International Association of Societies of Design Research)
2013~Present	Editor-in-Chief, Archive of Design Research (Scopus indexed)
2007~ 2009	President, Korea Society of Design Science
2007~2015	Fellow, Design Research Society
2006~2008	President, Korea Society of Emotion and Sensibility
2005~2011	Secretary General, International Association of Societies of Design Research
1988~2007	Vice President, Editor-in-Chief, Journal of Design Research, Korea Society of Design Science
2004~2006	Executive Vice President, Korea Society of Science of Emotion and Sensitivity
2002~2003	Vice President, Korean Ergonomic Society
2002~Present	International Editor, <i>Design Studies</i> published by Elsevier
2006~Present	International Editor, International Journal of Design
2006~2007	Guest Editor, Advanced Engineering Informatics
2015~Present	International Editor, Journal of Design, Business, & Society

2016~ Present Editorial Board, Sheji: The Journal of Design, Economics, and Innovation

## **INTERNATIONAL ADVISORY BOARD MEMBER**

Beijing Normal University Master of User Experience (China)

UXnet (USA)

Human-Centered Design Network (Japan)

Design and Emotion Society (Europe)

Board of International Research in Design (Swiss)

College of Innovation and Design, Tongji University, China

Interaction Design (US)

Graduate School of Creative Design Engineering, UNIST, Korea

School of Design, Hong Kong Polytechnic University

## **INTERNATIONAL JURY, PROGRAM COMMITTEE, REVIEWER**

Hong Kong Smart Design Award Judging

Design Intelligence Award (China)

IF Design Award (Germany)

Asian Design Award (Hong Kong)

Doctoral Education in Design

Asian Design Conference

CII Design Excellence Award (India)

TechNIK 2017 (China)

Taipei International Design Award

Future Ground, Common Ground, Wonderground (Bi-annual European Design conference)

Journal of Advances in Software Engineering

Tangible and Embedded Interaction conference

Engineering and Product Design Education conference

Shaping the Future Conference

IASDR International Design Congress

Ubicomp 2014

External Reviewers for Promotion of Faculty Member: Illinois Institute of Technology(US), QUT (Australia), Delft University of Technology (Netherlands) Hong Kong Polytechnic University, Aalto University (Finland), National University of Singapore, Royal College of Art, Harvard University, Carnegie Mellon University, Tsinghua University

Co-advisor for Phd. students for Queensland University of Technology (Australia)

PhD thesis examiner for Queensland University of Technology (Australia), Delft University of Technology (Netherlands), Kaiserslautern University (Germany), Hong Kong Polytechnic University,

## **INVITED INTERNATIONAL KEYNOTE SPEECHES & LECTURES**

- 2019 Invited Speech, Zhuhai Design Week, Zhuhai, China
- 2019 Keynote speech, China Design Research Forum, Hunan University, Changsha, China
- 2019 Keynote speech, Design Education Forum, GAFA, Guangzhou, China
- 2019 Invited Speech, International Design Forum, KAIST, Daejeon, Koera
- 2019 Keynote Speech, Annual Conference of Korea Society of Design Studies, Ilсан, Korea
- 2019 Invited Speech, China Design Research Forum, Tongji University, China

- 2019 Keynote Speech, Midea Group Design Week, Post-User Experience for AI, Midea, Foshan, China
- 2019 Keynote Speech, IASDR 2019, Some Speculative thought on future design education for AI, Manchester Metropolitan University, UK
- 2019 Keynote speech, Smart China Expo, Design for AI, Chong Qing Expo, China
- 2019 Keynote speech, XDesign 2019, Post-User Experience, Griffith University, Australia
- 2019 Invited Speech, AI Summit 2019, Design for AI, HK Convention and Exhibition Center, Hong Kong
- 2019 Keynote speech, ISIDC 2019, Some Speculative Thoughts on Future Design Education in the Era of AI, KIDP Design Research and Coverage Center, Yangsan, Korea
- 2019 Invited Speech, Design Education for Emerging New Paradigm, D-Will, Chinese Academy of Art, Hangzhou, China
- 2019 Panel Moderator speech, 209 ApacCHIRE&EuroCHRIE joint conference, Hong Kong
- 2019 Invited Speech, Design Center, Midea, Wuxi, China
- 2019 Keynote Speech, International Doctoral Colloquium Forum, Guangzhou University of Technology, Guangzhou, China
- 2019 Invited Speech, HK-Hebei Design Innovation Collaboration Forum, Hong Kong
- 2019 Invited Speech, Department of Industrial Design, Eindhoven University of Technology, Netherland
- 2019 Invited Speech, AALTO university, Helsinki, Finland
- 2019 Keynote speech, Interaction Design Forum, Kyushu University, Japan
- 2019 Invited Speech, Human-Computer Interaction Institute, Carnegie Mellon University, USA
- 2019 Invited Speech, Institute of Design, Illinois Institute of Tech. Chicago, USA
- 2019 Invited Speech, Innovative Design Engineering, Royal College of Art, London
- 2018 Invited speech, Nanjing University of Aeronautics and Astronautics, Nanjing, China
- 2018 ACM DIS 2018 Keynote speech, Hong Kong Polytechnic University, Hong Kong
- 2018 Keynote speech, 2018 International Design 3.0 Forum, Tsinghua University, Beijing, China
- 2018 Vision Talk, Hong Kong Polytechnic University, Hong Kong
- 2017 Design Leadership Forum, Invited speech, School of Design, Hong Kong Polytechnic University, Hong Kong

2017 Invited Speech, Business of Design Week, Hong Kong

2017 Invited speech, Illinois Inst. of Tech. Chicago, USA

2017 Invited panel speech, IASDR Congress 2017, University of Cincinnati, USA

2017 Keynote speech, International Education Forum, Fukuoka, Japan

2017 Invited speech, BODW, Hong Kong

2017 Invited speech, Design Leadership Forum, Hong Kong Polytechnic University, Hong Kong

2017 Taipei International Design Award Forum, Taipei, Taiwan

2017 Invited Seminar, School of Design, Hong Kong Polytechnic University, Hong Kong

2017 Invited Lecture, TechNIK Award 2017, Tsinghua University, Beijing, China

2017 Invited Seminar, Dept. of Design, Milan Polytechnic University, Italy

2017 Invited Lecture, College of Design and Eng. Shibaura Inst. Of Tech. Japan

2017 K2 International Symposium, Keynote Speech, Fukuoka, Japan

2017 Invited Design Seminar, Faculty of Design, Kyushu university, Fukuoka, Japan

2016 OZ CHI 2016 Keynote speech, Launceston, Tasmania, Australia

2016 Invited Design Seminar, Faculty of Design, Kyushu university, Fukuoka, Japan

2016 i-School, Tokyo University, Design Seminar, Tokyo, Japan

2015 ICES 2015 conference keynote speech, Jeju, Korea

2015 Taiwan International Student Design Competition and Forum, Taipei, Taiwan

2015 ISASE conference, Tokyo, Japan

2014 Tsinghua ID 30<sup>th</sup> Anniversary International Conference, Beijing, China

2014 Emerging Practices Conference, Shanghai, China

2014 Japan Human Interface Society Symposium, Kyoto, Japan

2014 W4A (Web for All) Conference, Seoul, Korea

2014 Re-Design Education 2014 Conference, Wuxi, China

2014 Re-Design Education 2014 Conference, Wuxi, China

2013 Symposium on International Design and Business Management, Hong Kong Polytechnic University, Hong Kong

2013 International Symposium on Affective Engineering, Kita Kyushu International Conference Center, Kitakyushu, Japan

2013 Kyoto Institute of Technology, Tokyo, Japan

2012 Tsukuba University, Japan

2012 Japan Design Conference, Fall Symposium, Jissen University, Tokyo, Japan

2012 Design Forum hosted by Danish Emabssy, Seoul, Korea

2012 University of Tokyo, i-School, Spring Symposium, Tokyo, Japan

2011 Tsinghua DMI Symposium, Beijing, China

2011 Hong Kong Polytechnic University, Hong Kong

2011 4<sup>th</sup> IASDR congress, Delft, Netherlands

2011 IIT Design Strategy Conference, Chicago, US

2011 IDBM 15<sup>th</sup> Anniversary Forum, Helsinki, Finland

2011 IIT, Institute of Design, Chicago, US

2010 DesignED Asia Conference, Hong Kong

2010 User Friendly Conference, Nanjing, China

2010 Pearl River International Industrial Design Education Forum, GAFA, China

2010 Conference on Visual Arts Education in Asia, Hong Kong Baptist University, Hong Kong

2010 International Design Workshop, NCKU, Natou, Taiwan

2010 India Institute of Technology, Mumbai, India

2010 Confederation of India Industry, Mumbai, India

2010 JIDPO International Design Symposium, Tokyo, Japan

2010 University of Tokyo i-school, Tokyo, Japan

2010 Chiba Institute of Technology, Chiba, Japan

2009 MIT Media Lab Sharing Experience, Seoul, Korea

2009 Taiwan International Design Workshop, Taichung, Taiwan

2009 JIDPO, International Design Symposium, Tokyo, Japan

2008 Taiwan Institute of Kansei, NCKU, Tainan, Taiwan

2008 International Service Innovation Design Conference, Busan, Korea

2008 Design Korea Gwangzhou Keynote Speech, Gwangzhou, China

2008 User-Centered Design Innovation, Victoria University, Wellington, New Zealand

2008 International Reviewer, Singapore National Research Foundation Research Proposal

2008 Jump to Design Research International Design Workshop, TU Delft, Netherland

- 2008 Reinventing Design, User-Centered Design, Hong Kong Design Centre, Hong Kong
- 2008 International NCKU Design Workshop, NCKU, Tainan, Taiwan
- 2008 AEARU Technology and Computer Science workshop Keynote speech, KAIST, Korea
- 2008 Design and Brand Forum, Kyoto Inst. Of Technology, Kyoto, Japan
- 2008 International Conference on Kansei Engineering and Emotion Research, Sapporo, Japan
- 2007 International Design Forum, Sao Paulo, Brazil
- 2007 International Creative Workshop at NYUST Taichung, Taiwan
- 2007 2<sup>nd</sup> IASDR congress, Hong, Kong
- 2007 The Costume Culture Association & Arts Textile Joint International Conference, Seoul, Korea
- 2006 Research into Practice, Swiss Design Network, Geneva, Swiss
- 2006 User-Centered Design Forum, UPA China, Woohan, China
- 2006 International Design Workshop in National Chengkung University at Taiwan
- 2006 International Symposium on Attractive Postgraduate Education in Design, Tokyo, Japan
- 2005 International Conference on Cultural Industry and Education of Arts and Design at Shantou University, China
- 2005 TWA conference and Symposium held at Delft University of Technology, Netherlands
- 2005 Joining Forces conference at Helsinki and Asian Design for Austria at Vienna
- 2004 Hong Kong Business of Design Week
- 2003 Formal Product Design Education Seminar in Bangladesh, Dhaka, Bangladesh
- 2003 Shaping Future of the Hong Kong Conference, Hong Kong,
- 2003 Interaction Design Forum, Legend Co. Ltd. Beijing, China
- 2003 Round Table Forum, Helsinki, Finland
- 2002 Rangsit University Design Workshop, Bangkok, Thailand
- 2002 Honeywell, Minnesota, US
- 2000 Research and Practice in Art, Media, and Design Conference, Rajabhat Institute Chandarakasem, Bangkok, Thailand,
- 2000 Exchange 2000 Conference-Facilitating Research in Art, Media, & Design, Bristol, UK
- 1999 4th Asian Design Conference, Nagaoka, Japan, Design Research Activities in Korea



- 1999 4th Asian Design Conference, Nagaoka, Japan, Food Culture and Design
- 1999 Tsukuba International Design Forum, Tsukuba, Japan
- 1999 Women's Health Forum, Manila, Philippine
- 1987 Industrial Design Education Symposium, Dayeh University, Taiwan
- 1996 Asia Industrial Design Symposium, Kitakushu, Japan

### **Visiting Professor and Scholarship**

- 2017 Invited Visiting Professor, Faculty of Design, Kyushu University, Fukuoka, Japan
- 2016 Bridge Fellowship Visiting Scholar, Kyoto Institute of Technology, Kyoto, Japan
- 2003 Visiting Professor, University of Art and Design Helsinki (Uiah), Finland
- 2000 Visiting Professor, College of Art and Design, Tsukuba University, Japan
- 1986 Visiting Professor, Institute of Design, Illinois Institute of Technology, Chicago, USA

### **PROFESSIONAL CONSULTING**

Design Center, Samsung Electronics

Design Research Institute, LG Electronics

Interaction Design Lab, Samsung Advanced Institute of Technology

Johnson & Johnson Asia

Design Membership, Samsung Electronics

### **AWARDS**

- 2017 Grand Prize for International Collaboration, KAIST
- 2016 Honorary Fellow, Design Research Society (DRS) UK
- 2015 Local Hero, 2015 ACM CHI conference
- 2013 Presidential Medal Bronze (銅塔産業勳状)

- 2013 Honorable Mention Paper, Ubicomp 2013 Conference (Swiss)
- 2012 Best Paper Award, HCI 2012 Conference
- 2008 Best Research Award, Japan Society of Kansei Engineering
- 2007 Best Paper Award, Korea Society of Emotion Science Conference 2007
- 2006 KAIST Excellent Lecturer Award
- 2005 Best Achievement Award, Korea Society of Design Science
- 2004 Best Paper Award, HCI conference in Korea
- 1998 “Designer of the Year” by Monthly Design Magazine
- 1997 Best Paper Award, 2nd Asian Design Conference
- 1983 Grand Prize, 1st Osaka International Design

## **PUBLICATION**

### **International Journal**

Minji Cho, Sangsu Lee, Kun-pyo Lee, How Do People Adapt to Use of an IoT Air Purifier? From Low Expectation to Minimal Use, *International Journal of Design*, Volume 13, Issue 3, Pages 21-38, 2019

Lu, WH, Petiot, JF, Lee, KP, Zhu, HH, Validating an Emerging Tool Based on Auditory Scale for Decoding Users' Emotional Desires, Vol. 32, No. 9, pp 4245-4254, *Journal of Mechanical Science and Technology*, 2018

Juan Giuseppe Montalvan Lume, Heesun Shin, Francisco Cuellar Cordova, Kunpyo Lee, Adaptation Profiles in First-Time Robot Users: Towards Understanding Adaptation Patterns and Their Implications for Design, *International Journal of Design*, Vol.11(1), pp 1-19, 2017

K.M. Kim, Kun-pyo Lee, Collaborative Product Design Process of Industrial Design and Engineering Design in Consumer Product Companies, *Design Studies* Vol. 46, pp-226-260, 2016

Eok, Kim, Kun-pyo Lee, Ki-young Nam, Activity-Driven PSS Design Method based on Emotional Customer Activity Modeling Integrating Expectation and Experience Factors, *International Journal of Affective Engineering*, Japanese Society of Kansei Engineering, Vol. 15, No. 3, pp. 265-277, 2016

Lee, K. P. Nam, T. J. HCI in Korea: Where Imagination Becomes Reality, *Interaction, ACM*, pp. 49-51, Vol. 22, No. 1, 2015

KwanMyung Kim, Kun-pyo Lee, Don't Make Art, Do Industrial Design, A Voice from Industry, *DMI Review*, pp. 40-45. Spring 2014,

Daeup Kim, Kun-Pyo Lee, Design Activity through Open Collaboration, *Bulletin of Japanese Society of Science of Design*, Vol. 60, No. 2, 2013

Juhyun Eune, Kun-Pyo Lee, National Cultural Interpretations of Mobile Phone and Usage, and Development of Cultural Design Framework, *International Journal of Affective Engineering*, Japanese Society of Kansei Engineering, Vol. 12, No. 1, pp. 27-36, 2013

Park, JM, Lee, K.P. Engaging the User's Memory of Experiences in Design 'Dramatizing Product Experience', *Bulletin of Japanese Society for Science of Design*, Vol. 59, No. 4, pp. 29-38, 2012

Maeng, S., Kim, D., Lee, S. -S., Kun-Pyo Lee, Identifying Product Opportunity Based on Interactivity, *Communications in Computer and Information Science*, 173 CCIS, Part1, pp. 67-71, 2011.

Kim, D., Lee, S. -S., Maeng, S., Kun-Pyo Lee, Developing Idea Generation for the Interface Design Process with Mass Collaboration System, *Lecture Notes in Computer Science*, 6769 LNCS, Part1, pp. 69-76, 2011.

Lee, S., Kim, H., Lee, Y. -K., Sim, M., Kun-Pyo Lee, Designing of an Effective Monitor Partitioning System with Adjustable Virtual Bezel, *Lecture*

Notes in Computer Science, 6776LNCS, pp. 537-546, 2011.

Lee, S. -S., Lim, Y. -K., Kun-Pyo Lee, A Long-Term Study of User Experience towards Interaction Designs that Support Behavior Change, Human Factors in Computing Systems, pp. 2065-2070, 2011.

Kim, D., Kun-Pyo Lee, Ethnographic Research of User Behavior of Mobile Devices of China, Korea, India, and the Netherlands, Lecture Notes in Computer Science, 6770 LNCS, Part2, pp. 294-302, 2011.

Lee, S. -S., Maeng, S., Kim, D., Kun-Pyo Lee, Lee, W., Kim, S., Jung, S., FlexRemote: Exploring the Effectiveness of Deformable User Interface as an Input Device for TV, Communications in Computer and Information Science, 174 CCIS, Part2, pp. 62-65, 2011.

Jung-Joo Lee, Kun-Pyo Lee, Facilitating Dynamics of Focus Group Interviews in East Asia: Evidence and Tools by Cross-Cultural Study, International Journal of Design, Vol.3, No. 1, pp.17-28, 2009

Chen, CH., Sato, K., Kun-Pyo Lee, Human-Centered Product Design and Development, Advanced Engineering Informatics, Vol. 23, pp. 140-14, 2009.

Joon-Sang Baek, Kun-Pyo Lee, A Participatory Design Approach to Information Architecture Design for Children, Co-design-International Journal of Co-creation in Design and the Arts, Vol. 4, No. 3, pp. 173-191, 2008.

Dong Ying, Kun-Pyo Lee, A Cross-Cultural Comparative Study of Users Perceptions of a Webpage: With a Focus on the Cognitive Styles of Chinese, Koreans and Americans, International Journal of Design, Vol. 2, No. 2, pp. 19-30, 2008.

Sang-Hoon Jeong, Kun-Pyo Lee, Measurement of User's Emotions(Kansei) expressed while Interacting with a product: with the emphasis on development of tool for measuring user's emotion, International Journal of Kansei Engineering, Vol. 6, No. 3, 2006, Accepted

Hlema, Yoonnyung. Pieter Stappers, Kun-Pyo LEE, Three Factors for Contextmapping in East Asia: Trust, Control and Nunchi, CoDesign, Vol. 2. No. 3. pp. 157-177, September 2006.

Lee, K. P. Design Methods and the Development of Technology, From (German), No. 183, pp. 95-104, 2002.

Lee, K. P. & Park, C. M. Development of a Tool for Visualizing User's Kansei on the Web, KANSEI Engineering International, Vo. 2, No. 1, pp. 9-16, 2001

Lee, K. P. & Harada, A. Cultural Effects on Subjective Preference-Cross Cultural Study between Korean and Japanese, KANSEI Engineering International, Vo. 1, No. 2, pp. 51-60, 2000

Lee, K.P. An Application of Conjoint Analysis to the Morphological Chart Method, Bulletin of Japanese Society for Science of Design. Vol.41. No.6. 1995

Lee, K. P. The Measurement of Consumers' Design Style Bulletin of Japanese Society for Science of Design No. 95 pp. 17-24 1993

### **Domestic Journal**

Seo, J. H., Park, E. J, Lee, K. P., Differences between Generations in Icon Recognition Based on the Context of Information Technology Acceptance, Vol. 14, No. 13, pp. 47~60, Journal of Integrated Design Research 2017

Yoon, S. H., Lee, K. P., A Study on Notification System of Smartphone Messenger Considering the User's Stress, Archives of Design Research, Korea Society of Design Science, pp. 77-91, Vol. 28, No. 2. 2015

Lee, Y. K, Lee, K. P. Continuous Time Experience: Conceptualizing the Memory Gaps of Smartphone Use for UX Design, Archives of Design Research, Korea Society of Design Science, pp. 93-105, Vol. 28, No. 2. 2015

Sohyun Kim, Kun-Pyo Lee, Younkyung Lim, Comparative study of representation of the distance in Car Navigation, Journal of KSDS, Vol. 25, No. 1, pp. 37-46, 2012

Bopil Jin, Kun-Pyo Lee, Comparative Study of Interpretation Types in Qualitative User Research for Design-Concept Development, Journal of KSDS, Vol. 25, No. 1, pp. 1-12, 2012

KyungIn Yang, Kun-Pyo Lee, Identifying Changes in Users' Experience Stages of Smartphone through Long Tracking, Journal of KSDS, Vol. 24, No. 3, pp. 31-44, 2011

EunJi Choi, Kun-Pyo Lee, Exploring the Possibility of Utilizing Post-Use Data for Inspirational Material with a Subject on Designing for Expanding Product Life Span by Users, Journal of KSDS, Vol. 24, No. 3, pp. 45-54, 2011

Jeong, H. O., Lee, K. P. Development of Tool for Supporting Collaborative Design Based on Image Information by Applying Collaborative Tagging System- Focused on Image Classification and Interpretation of Keyword, Journal of KSDS, Vol. 20, No. 4, August, 2007

Jeong, S. H., Lee, K. P. Development of Tool Measuring Emotions Extracted While Using Products, Journal of KSDS, Vol. 12, No. 2, May. 2006

Choi, I. H., Lee, K. P. Comparative Study between Text-based and Verbal Language in Multi-Channel Interface Environment, Journal of KSDS, Vol. 19, No. 9, May. 2006

Oh, K.T, Lee. K. P. Online Community Design: Review of Frameworks and Developing Online Construct, Journal of KSDS, Vol. 19, No. 3, May. 2006

Seo, J. H., Byen, J. H., Lee, K. P. Recommendation Methodology for Web-Based Personal Design Service, Korean Society of Emotion & Sensibility, Vol. 9, No. 3, Sep. 2006

Jeong, S. H., Lee. K. P. User's Emotional Changes While Using Product Through Emotional Words-Logging Software, Korean Society of Emotion & Sensibility, Vol. 9, No. 3, Sep. 2006

Sang-Hoon Jeong, K.P. Lee, "Effects of Emotion on Usability Testing, Journal of KSDS, Vol. 19, No. 5, P. 373-382, Nov. 2006

Park, J. M., Kim, H. K., Lee, K. P., Kim, S. R. Comparative Studies in National Characteristics of Robot Design-with the Focus on use of Interactive Mapping, Korean Society of Emotion & Sensibility, Vol. 8, No. 3, September, 2005

Jeong, S. W., Lee, K. P. Comparative Studies in Usability of Pointing Input in Mobile Computing Devices- with Emphasis of Track Pointer and Touch Pad, Journal of KSDS, Vol. 18, No. 4, P. 175-184, Nov. 2005

Jeong, S. H., Lee, K. P. A study on an extraction of user's representative emotions expressed while using products, Journal of KSDS, Vol. 18, No. 1, Feb. 2005

Sung, K. W., Lee, K. P. Usability Testing with Integrated Analysis Model, Journal of KSDS, Vol. 17, No. 3, P. 245 - 254, Oct. 2004

Oh, Ki-Tae, Lee, Kun-Pyo, Remote Usability Testing for Web Site, Journal of KSDS, Vol. 17, No. 3, P. 147 - 156, Oct. 2004

Jeong, S. H., Oh, K. T., Lee, L. P., Seo, J. H. Development of Web-Based Remote Card Sorting Tool for Designing Information Architecture, Journal of KSDS, Vol. 17, No. 2, P. 221 - 230, May. 2004

Sung, K. W., Lee, K. P. Development of Integrated Analysis Model for Eyegaze, Journal of KSDS, Vol. 17, No. 2, P. 23 - 32, May. 2004

Jeong, S. H., Lee, K. P. The Effects of the PC Experience on the Usability of PDAs, Journal of KSDS, Vol. 16, No. 02, pp. 301-310, 2003.

Kim, S. Y., Lee, K. P. Website and User Navigation Style according to Task Type, Journal of KSDS, Vol. 16, No. 1, pp. 261-270, 2003

Kim, J. H., Lee, K. P. Comparative Studies on Preference in Interface Structure and Navigation of Website with Emphasis on Usability Test of Prototypes, Journal of KSDS. Vol. 16, No. 2, pp. 161-170, 2003

Min, K. W., Lee, S. J., Lee, K. P. Understanding of New Paradigm and Development of Strategy for Educational Program and Curriculum in Future Information Era, Journal of KSDS, Vol. 15, No. 1, pp. 399-406, 2002

Lee, K. P. Industrial Design as Systematic Realizer of Sensibility Ergonomics, Journal of KSPE, Vol. 18, No. 2, pp. 26-31, 2001

Kim, T. H., Hong, J. P., Yang, J. R., Lee, Y. L., Oh, M. K., Lee, K. P. Development of Global Design Process, Journal of KSDS, Vol. 14. pp. 42- . 2001

Kim, H.J., Lee, K. P. A Study on the Application of Ethnography for the User Centered Design Research, Journal of KSDS, Vol. 13, No. 1, pp. 38-48, 2000

Kim, T. H., Lee, K. P., Hong, J. P., Yang, J. R., Oh, K. T. A Study on Development of Form Concept Supporting System, Journal of KSDS, Vol. 13. No. 3, pp. 39-48. 2000

Park, J. S., Lee, K. P. A Study on Development of Database for Product Design based on property of the Product, Journal of KSDS, Vol. 12, No.2 pp. 133-144, 1999

Park, J. S, Lee. K. P. Usability Test of Product OSD(On Screen Display) by Subjective Preference, Journal of KSDS, Vol. 12, No. 3, pp.105-114, 1999

Kim, B. W., Lee, K. P. Video Protocol Analysis of Usability Test for User Interface Design, Journal of KSDS, Vol. 11, No. 1, P. 73 - 80, 1998

Lee, K. P. Development of Methodology and Analysis Model for Cultural User Interface Design, Journal of KSDA, Vol.11,No.1,P. 109 - 118, 1998

Lee, K. P. Development of Model for Cultural User Interface Design and Its Application, Journal of KSDS, No. 22, pp. 737-742, 1997

Shin, J. H., Lee, K. P. A Study on Flexible Design Process for Product Development, Journal of KSDS, No. 22, pp. 81-86, 1997

Seo, J. H., Lee, K. P. A Study on User Participatory Process in Product Design, Journal of KSDS, No. 22, pp. 301-306, 1997.

Lee, K. P. Role and Essence of Academic-Industrial Cooperation in Industrial Design Education, Industrial Design, No. 144. pp. 20-24. 1996.

Lee, K. P., Kim, S. J. A Study on Operation Modeling in Product Design, Journal of KSDS, No.14. pp.88-105. 1996

Lee, K. P., Lee, E. J. A Study on Application of Professional System for Product Element Arrangement, Journal of KSDS, Vol. 4. No. 1. pp.25-43, 1996

Lee, K. P. A Study on Usability Testing Process for Product Design, Journal of KSDS, No.18, pp. 137-150, 1996.

Lee, K. P. A Study on Industrial Design in Environment of Computer Supported Product Development, Journal of KSDS, Vol 11, pp. 83-93, 1995

Lee, K. P. A Humanist Designer, Henry Dreyfuss, Industrial Design, Vol. 25 No. 132 pp. 38-45. 1994

Lee, K. P, Conceptual Understanding of User Interface, Journal of KSDS, Vol. 1 No. 2 pp. 1-18 1994

Lee, K. P., Lee, H. J. Effects of Asthetic Attributes on User Interface Design, Journal of KSDS, Vol. 1 No. 2 pp. 55-62 1994

Lee, K. P. Emotional Engineering as a Tool for Emotional Design, HRI Forum, pp. 80-102, 1994

Lee, K. P. Evaluation of Product Image and Process of Design Development, Industrial Design, Vol 24 128 pp. 78-86 1993

Lee, K. P. Industrial Design as an Advantage in Competitive Society, HRI Froum, Autumn, pp. 85-93, 1993

Lee, K. P. A Study on Measurement of Consumer's Design Style, Industrial Design, Vol. 23 No. 122 1992

Lee, K. P. A Study on Application of Computer for Design Conceptualization, COSMA No. 30 pp. 132-141 1992

Lee, K. P. A Study on Correlation between Elements in Systematic Approach, Industrial Design, Vol. 21 No. 111 pp. 6-15 1990

Lee, K. P. Application of Computer for Modeling Non-Visual Design Problems, Industrial Design, Vol 20 No. 103 pp. 18-24 1989

Lee, K. P. Academic Background of Industrial Design, a collection of treatises in Hanbat National University, Vol. 6 pp.81-95 1987

Lee, K. P. A Study on Properties of Design Evaluation, , a collection of treatises in Hanbat National University, Vol. 5 PP. 213-224 1986

Lee, K. P. Design Methodology for Future House, Industrial Design, Vol. 14, No. 71, PP. 20-30 1983

#### **International Conference**

Cho, MJ, Lee, SS, Lee, K.P., Once a Kind Friend is Now a Thing: Understanding How Conversational Agents at Home are Forgotten, ACM DIS '19 Proceedings of Design Interactive Systems Conference, San Diego, 2019

Lee, K.P., Design Research for What?: Difference Perspectives on Design Research, ACM DIS '18 Proceedings of the Design Interactive Systems Conference, 2018

Sangsu Lee, Jaemyung Lee, KunPyo Lee, Designing Intelligent Assistant through User Participants, ACM DIS '17 Proceedings of the Designing Interactive Systems Conference, 2017

Jung, JW, Nam, HY, Lim, YK, Lee, K.P. Beauty and the Beast: An IoT Design Method Based on Improvisational Acting, ACM DIS '17 Proceedings of the Designing Interactive Systems Conference, 2017

Jiwon Jung, KunPyo Lee, Curiosity or Certainty? A Qualitative, Comparative Analysis of Couchsurfing and Airbnb User Behaviors, The 35<sup>th</sup> Annual CHI Conference, Late=Breaking Work, 2017

Soyoung Kim, Evelyn Patra Kalenzi Asio, Auk Kim, KunPyo Lee, Aviv Segev, Uichin Lee, Sensors Know Which Photos are Memorable, The 35<sup>th</sup> Annual CHI Conference, Late=Breaking Work, 2017

Lee, JM, Kim W, Jung JW, Lee, K.P. User's Expectation on the Feedback of Flexible Interaction, Proceeding of International Association of Societies of Design Research 2017 Congress, Cincinnati, USA.



Kim, H. C., Kim, D. H., Lee, K. P., Want to speak? Envisioning driver-to-driver communication for emotion regulation, Proceedings of 10<sup>th</sup> Design & Emotion Conference, Amsterdam, Netherlands, 2016

Kwon, S. Y., Lee, K. P. What Makes Readers Laugh? Value of Sensing Laughter for Humor Webtoon, Proceedings of 18<sup>th</sup> International Conference on Human-Computer Interaction with Mobile Devices and Services, Toscana, Italy

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## **MAGAZINE, NEWSPAPER ARTICLES & BOOKS**

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Professor Lee's 'Design Changing Life<2>\_ World Car 'Beattle'

DongA Ilbo Daily Newspaper. 20. 2006. Vol. 26330 | Lee, Kun-Pyo

Professor Lee's 'Design Changing Life<1>\_ Office Machines became Art

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Dreaming 'Design Korea'

Weekly Chosun May. 6. 2004. Vol. 1802 | Lee, Kun-Pyo  
21<sup>st</sup> century power comes from Design

Daily Economy Mar. 2003  
Advanced Design Spots, Serial Publication in 4 issues

Science DongA Apr., 2004 KAIST Human Centered Interaction Design  
Laboratory: A place designing leading products of the Future.

Monthly Design, Jan. 1997 | Lee, Kun-Pyo  
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Solution Comes From the User (7)

Monthly Design, Sep. 1996 | Lee, Kun-Pyo  
Solution Comes From the User (6)

Monthly Design, Aug. 1996 | Lee, Kun-Pyo  
Solution Comes From the User (5)

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Solution Comes From the User (4)

Monthly Design, Jun. 1996 | Lee, Kun-Pyo  
Solution Comes From the User (3)

Monthly Design, May. 1996 | Lee, Kun-Pyo  
Solution Comes From the User (2)

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Solution Comes From the User (1)

Column on Product Design in Monthly Management and Marketing  
(21 series articles)

Design Columns in Magazine of Asiana Airline, Weekly News  
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## **Books**

Junzo Wtada, Hisao Shiisuka, Kun-pyo Lee, Tusyoshi Otani and Chee-Peng, Co-ed. Industrial Applications of Affective Engineering, Springer, 2014,

Humane Interface, Jeff Laskin, Translated by Lee, Kun-pyo  
Published in Feb. 10. 2003, 312 pages, duodecimo

## RESEARCH PROJECTS AND FUNDING

(Unit: 1000 WON)

### 2016~Present

2020	Human-Centered AI Design	HK UGC	3,000,000 HK \$
2018	Development of UX Service Scenario for AI Based Conversation User Interface	NAVER	150,000
2017	Development of Evaluation Framework for Mobile Phone Design	LG Electronics	60,000
2016	Interaction Design for Large screen transparent and flexible display	LG Display	100,000

### 2000~2015

2015	Future IoT Scenario for Home Appliance	Dongbu	60,000
2015	Integrated Strategy and Scenario for Coway	Coway	80,000
2015	UX, Scenario for Large Screen Transparent and Flexible Display	Alticast	70,000
2014	UX Service Scenario for Health Care	KAIST	50,000
2014	Service Design for Flight Transfer	Skyteam	30,000
2014	UX Scenario Development for Air Solution	LG	20,000
2014	Universal UI Guideline for Silver Generation	KEIT	120,000
2014	Design 3.0 BK Plus	NRF	156,000
2013	Universal UI Guideline for Silver Generation	KEIT	64,520
2013	Design for Future Transparent and Flexible Display	Alticast	50,000
2013	Scenario for Future Game Design	Nexon	60,000
2012	Design for Future Transparent and Flexible Display	Alticast	40,000
2012	Design for Future Transparent and Flexible Display	Alticast	17,400
2010	User Behavior Study of Contents-Communication for UX design	Samsung	70,000
2010	Innovation for Human Centered Design WCU	KRF	200,000
2010	Gesture Interaction for Flexible Information Device	KEIT	48,001
2010	Collaborative Research with Kaiserslautern in Germany	KRF	6,150

2010	Image-based Likert Scale for Children Study	KHSG	4,500
2009	Innovation for Human Centered Design WCU	KRF	203,000
2009	UI Guideline of Home Appliance	LG	60,000
2009	Design Led Convergent Education Program	KIDP	113,914
2009	Gesture Interaction for Flexible Information Device	IPIT	30,000
2009	BK21: 4th	KRF	158,342
2009	Collaborative Research with Kaiserslautern in Germany	KRF	6,150
2009	Design Led Convergent Education Program	KIDP	30,000
2009	Innovation for Human Centered Design	KRF	260,000
2009	Generation of Insights for Product Operation	LG	9,000
2009	Advanced TF SNS	Samsung	60,000
2008	Collaborative Research with Kaiserslautern in Germany	KRF	12,300
2008	User Study for Future TV Scenario Development	KAIST	30,000
2008	Concept Development of Mobile Device after 10 years	KAIST	20,000
2007	Personalized Console Design for Intelligent Adaptive Space	KAIST	40,000
2007	Usability Improvement of UI of Wash Machine	LG	35,000
2007	Generation of Insights on User Behavior by Mobile Ethnography	LG	10,000
2007	Improvement of Mega Contents Display	KT	36,000
2006	Guideline of Emotional Quality in Mobile Phone	LG	35,000
2006	Generation of Major Issues for Next Mobile Phone	LG	40,000
2006	User Experience Design for Future printer	Samsung	27,000
2006	Development of responsive and intelligent space	KIST	20,000
2006	UI Comparison for UI Localization	Samsung Elec.	120,000
2006	Comparison of Usability Testing for Next generation Remote controller	Samsung Elec.	40,000
2005	Prediction of Experience for 3G next generation mobile phone	LG Elec.	30,000
2005	UI Evaluation of mobile phones in Chinese market	LG Elec.	30,000
2005	NGV Emotional elements by Eyegaze Tool	KIA Motors	45,000
2005	Suggestion of Service model by User behavior analysis	Edunet	29,000
2005	Scenario for Intelligent Agent Interaction	Samsung Elec.	33,000

2004	Guideline development for UI Unification	SK Telecom	201,000
2004	UI Guidelines for mobile phone	Samsung Elec.	130,000
2004	Rehabilitation device for the disable	MOCIE	70,000
2004	Next generation camcorder	Samsung Elec.	30,000
2003	Standard UI Requirement	SK Telecom	183,000
2003	UI Concept for mobile phone in American and Usability test	Pantech & Curitel	38,000
2003	Concept for Future Digital Display	LG Elec.	40,000
2002	Remote Usability test for information device	MOCIE	75,000
2002	UI development for new digital camera	Samsung Elec.	48,800
2002	Usability testing for SCURRY and design development	Samsung	30,000
2002	Usability test for Mobile phone and Design development	Samsung Elec.	12,000
2001	User centered approach for designing Vacuum machine	LG Elec.	32,400
2000	UI design for Car AV system	MOCIE	20,000
2000	Usability Test of Video Phone and UI Design	NadaTel	

#### 1990-1999

1999	Website Usability test	ChoSun Ilbo	10,000
1999	Interface Design	Korea ban Elec.	11,000
1999	Cultural Interface for Microwave	MOCIE	100,000
1999	Interior Interface Design	Hyun Dai Motor	10,000
1998	Method of Cognitive Interface Evaluation	KRISS	15,000
1998	Kiosk Design for Information of Public Transportation	KRISS	31,500
1998	Ergonomic UI for information device	KRISS	45,400
1998	Analysis of Consumer behavior for New Refrigerator development	Samsung Elec.	30,000
1998	Analysis System for Usability testing	Samsung Elec.	30,000
1996	Rapid Prototyping for UI	KRISS	13,500
1996	UI Design for Car Navigator	SSangYong Info. & Com.	50,200
1995	Development of Design process	Samsung Elec.	
1994	UI Design for Video Camera	Samsung Elec.	

1993	New form development process for 29 inch TV	Kumsungsa
1992	UI Design for Microwave	Kumsungsa
1990	New Home media – Home Fax Design	DaeWoo Elec.