



이 현 경 | Hyun-Kyung LEE

연세대학교 언더우드국제대학 교수
융합인문사회과학부 문화디자인경영 전공 (Ph.D. in Design & Art Management)

Area of Specialization: Design Thinking for SPACES,
Design & Museum Management with AI

주소: 서울특별시 서대문구 연세로 50 연세대학교 진리관B 417호
전화번호: 010-7277-4189 이메일: hyunkyunglee@yonsei.ac.kr

학력(Education)

- 2007 Ph.D. 미국 Florida State University 대학원 예술경영
- 2004 M.A. 미국 Syracuse University 미술관학 전시디자인
- 2000 B.F.A. 홍익대학교 시각디자인
- 1996 서울예술고등학교 졸업



경력(Work Experience)

- 2019.09- 현재
- 연세대학교 정교수
 - 2025년 영국 UCL & 연세대 국제공동연구 협력사업 선정 (뮤지엄의 AI와 포용성 연구)
 - 연세대학교 AI혁신연구원 인문사회과제 선정 (세계 뮤지엄의 현황 및 AI 실태 파악 연구)
 - 2025년 한국연구재단 NRF 인터내셔널 모빌리티 연구 선정 (모두를 위한 문화적 권리 실현과 AI)
 - 4단계 BK21사업 공감, 공존, 공생하는 사회를 위한 혁신적 디자인 교육연구단 구성원
 - 2024 서울디자인국제포럼(SDIF) MP(총괄기획자), 좌장
 - 글로벌지속가능발전포럼 GEEF2023 패널발표, 좌장
 - 한국연구재단 NCRC/학제간융합분야 집단연구 '사이언스 월든'(2015-2022)
 - 한국연구재단 인문사회 중견연구자지원사업 (AI를 활용한 새로운 전시기획 방법 연구)
 - 국립디자인뮤지엄 운영방안 연구
 - 서울시 미술작품심의위원회 위원 (2023년-2025년)

2014. 01-2019.08

- UNIST (울산과학기술원) 조교수, 부교수
- 한국연구재단 과학기술인문융합연구사업 (과학관전시)
- 신정시장 문화관광형 육성사업단 대학연계 스토리마켓사업
- 신정시장 문화관광형 육성사업단 공공서비스디자인 혁신사업
- 울주군상권활성화재단 전통시장살리기 공공서비스디자인 혁신사업
- 울주군상권활성화재단 언양알프스시장 점포디자인(POP)개발사업

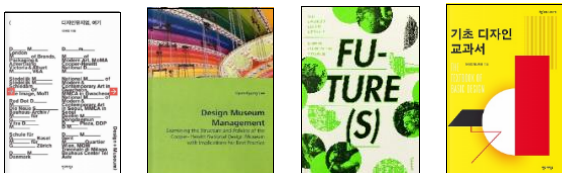
- 2008. 07-2009. 10 미국 아트센터디자인대학 (Art Center College of Design) 연구교수
- 2007. 09-2008. 06 미국 폴 게티뮤지엄 Getty Museum 박사후연구원 (Postdoc)
- 2004. 08-2005. 10 미국 Florida State University Museum of Fine Arts 보조 큐레이터
- 2006. 03-2006. 08 미국 뉴욕 쿠퍼휴잇 디자인 뮤지엄 연구원
- 2002. 08-2004. 05 미국 뉴욕 시라큐스대학 디자인갤러리 보조 큐레이터
- 2003. 07-2003. 08 미국 오렌지카운티 뮤지엄 인턴
- 2003. 05-2003. 06 한국 과천 소재 국립현대미술관 인턴
- 2000. 01-2002. 07 LG전자 디자인연구소 GUI 디자이너



강의 과목

Introduction to Culture and Design Management, Design Management, Design & City in Culture, Culture and Design Trends, Contemporary Topics in Cultural Industry, Creative Technology for Social Innovation, Design Innovation: Safety for Children, Child and Family Issues & Social Design 2, Academic-Industry Project, Design Thinking, Social Innovation for Sustainability, Creative Thinking and Visualization, Design and Prototyping

저서



<디자인뮤지엄, 여기> 안그라픽스 (2016) '2016 세종도서'로 선정됨.

<Design Museum Management> (디자인 뮤지엄 경영) 영문저서 (2009) ISBN: 978-3-639-13674-6

<Futures> co-authored. Gwangju Design Center Foundation. (2017) ISBN: 979-11-86874-06-6

<기초 디자인 교과서> 북채터. 안그라픽스 (2015)

연구 논문 (국제 SCI급 논문만 추림)

1. Lee, H. K. & Lou, J. (2025), A Preliminary Exploration of Chinese Digital Nomads' Life and Workstyle. *IAFOR Journal of Cultural Studies*, 10(1): 105-128. **Scopus**
2. Lee, H. K. & et al. (2025), FluidTrack: Investigating Child-Parent Collaborative Tracking for Pediatric Voiding Dysfunction Management. In *Proceedings of the 2025 CHI Conference on Human Factors in Computing Systems (CHI '25)*. Association for Computing Machinery, New York, NY, USA, Article 559, 1–18. <https://doi.org/10.1145/3706598.3713878>. **SCI (BEST PAPER Awarded)**
3. Lee, H. K. & Ranti, C. D. (2024), Exploring student and teacher perspectives on education with technological advancement in Indonesia through Design Thinking in response to COVID-19. *CERN IdeaSquare Journal of Experimental Innovation*. 8:1, 36-42. DOI: 10.23726/cij.2024.1475. **Scopus**
4. Lee, H. K., Kim, M. K. & Lee, M. J. (2023). Exploring the Creative Possibility of a Hybrid Design Thinking Workshop through Finding Solutions for Children's Safety in the Childcare Environment. *Creativity Studies*, 16(2): 740-761. DOI: 10.3846/cs.2023.17030. **Scopus**
5. Lee, H. K., Hong, S., Jo, Y. & Kang, Y. (2023). Interactive Experiential Model: Insights from Shadowing Students' Exhibitory Footprints. *Journal of Museum Education*, 48(2): 92-108. DOI: 10.1080/10598650.2022.2122672. **Scopus**
6. Lee, H. K. & Ranti, C. D. (2023). Design Thinking Approach for Sustainable Hospitality: A Smart Mobile Management System for Indonesia. *Archives of Design Research*, 36(4): 163-191. DOI: 10.15187/adr.2023.11.36.4.163. **Scopus**
7. Lee, H. K. & Park, J. E. (2022). Digital Responsibility Insights from a Cross-Cultural Design Thinking Workshop for Creativity. *Creativity Studies*, 15(2): 451-466. DOI: 10.3846/cs.2022.14063. **Scopus**
8. Lee, H. K. & Park, S. & Lee, Y. (2022). A proposal of Virtual Museum Metaverse Content for the MZ Generation. *Digital Creativity*. DOI: 10.1080/14626268.2022.2063903. **A&HCI**
9. Lee, H. K. & Lee, J. (2022). A Study on the Strategic Collaboration System between Craftspeople and Enterprises for Sustainable Development in the Centre of Creative Metropolitan City. *Archives of Design Research*, 35(4): 73-89. **Scopus**
10. Lee, H. K. et al. (2022). Service Design of Artificial Intelligence Voice Agents as a Guideline for Assisting Independent Toilet Training of Preschool Children. *Archives of Design Research*, 35(3): 81-93. **Scopus**
11. Lee, H. K., Park, E. S., Kim, S., Song, H., Kim, D., Seo, J. H., He, Y., & Lee, H. (2022). Design Fiction as a Convergence and Divergence Tool in the Design Thinking Process- Developing Smart Communication Service for Childcare. *Archives of Design Research*, 35(3): 87-98. **Scopus**
12. Lee, H. K. & Kim, H. J. (2022). Emotions and Colors in a Design Archiving System: Applying AI Technology for Museums. *Applied Sciences*, 12(5): 2467. DOI: 10.3390/app12052467. **SCI**
13. Lee, H. K. et al. (2022). Design Thinking with Appropriate Technology for Improving Social Sustainability: Critical and Comprehensive Criteria. *Journal of Integrated Design and Process Science*, 24(2): 29-51. DOI: 10.3233/JID200012. **SCI**
14. Lee, J. H., Lee, H. K. *, Jeong, D., Lee, J. E., Kim, T. R., & Lee, J. H. (2021). Developing Museum Education Content: AR Blended Learning. *International Journal of Art & Design Education*, 40: 473-491. DOI:10.1111/jade.12352. **SSCI, A&HCI (BEST PAPER Awarded)**
15. Lee, H. K. & Park, J. E. (2021). Designing a New Empathy-Oriented Prototyping Toolkit for the Design Thinking Process: Creativity and Design Sensibility. *International Journal of Art & Design Education*, 40(2): 324-341. DOI: 10.1111/jade.12345. **SSCI, A&HCI**
16. Lee, H. K. & Park, W. (2021). Creative Integration of Design Thinking and Strategic Thinking in a Design Education Framework. *Creativity Studies*, 14(1): 160–174. DOI: 10.3846/cs.2021. **Scopus**
17. Lee, H. K., Choi, S., Kang, M., Lee, Y., Lee, S. A., & Kim, H. K. (2021), Interdisciplinary Service Design Approach to Promote Sustainable Solutions in Social Complexity: Case Study on Korean Elderly Residential Stability during COVID-19. *Applied Sciences*, 11(24): 12009. DOI: 10.3390/app112412009. **SCI**
18. Lee, H. K. (2021). Exhibition Curation on the Influential Usage of Polyhedral in Science, Art and Design. *Turkish Journal of Computer and Mathematics Education*, 12(10): 1014-1024. DOI: 10.17762/turcomat.v12i10.4286. **Scopus**
19. Lee, H. K. (2019). Designing a Waterless Toilet Prototype for Reusable Energy Using a User-Centered Approach and Interviews. *Applied Sciences*, 9(5): 919. doi:10.3390/app9050919. **SCI**

20. Lee, H. K. (2019). Maximizing the Five Senses with Art and Design: Sensorial-Experiential Exhibitions in Trend. *Asia Life Sciences*, 18(3): 1157-1165. **Scopus**
21. Lee, H. K. (2019). Creative Contributions from the Young Generation to Invigorating Traditional Street Markets from a Visual Design Perspective. *The Asian International Journal of Life Sciences*, 18(3): 1075-1084. **Scopus**
22. Lee, H. K. & Bae, J. H. (2019). Communication-oriented Collaborative Methodology for Interdisciplinary Convergence Project. *Asia Life Sciences*, 18(1): 419-427. **Scopus**
23. Lee, H. K. & Bae, J. H. (2019). Feces and Urine Separable Toilet Design for Sustainable Energy Production System. *Asia Life Sciences*, 18(3): 1451-1458. **Scopus**
24. Lee, H. K. & Bae, J. H. (2018), User Health Information Analysis with a Urine and Feces Separable Smart Toilet System. *IEEE ACCESS*, 6(1): 78751-78765. doi:10.1109/ACCESS.2018.2885234. **SCI**
25. Lee, H. K. (2018), Prototyping and Case Study of Sustainable and Ergonomic Toilet Design. *JOURNAL OF ENGINEERING AND APPLIED SCIENCES*, 13(18): 7500-7506. **Scopus**
26. Lee, H. K. (2018), Revitalizing Traditional Street Markets in Rural Korea: Design Thinking and Sense-Making Methodology. *INTERNATIONAL JOURNAL OF ART & DESIGN EDUCATION*, doi:10.1111/jade.12183. **SSCI**
27. Lee, H. K. (2018), Education and Support for Non-Design Major Students Using the Sprint Method in Design Thinking Projects. *ASIA LIFE SCIENCES*, 15(4): 2511-2520. **Scopus**
28. Lee, H. K. (2018), Nature Artists, Design Researchers and Scientists Collaborate on a Resource Scarcity Research Lab that Doubles as a Public Art Installation. *JOURNAL OF ENGINEERING AND APPLIED SCIENCES*, 13(1): 2254-2257. **Scopus**
29. Lee, H. K. (2017), Design Museums Experiencing and Seeking Practicality with Aesthetic Value. *INFORMATION-AN INTERNATIONAL INTERDISCIPLINARY JOURNAL*, 20(10B): 7565-7572. **Scopus**
30. Lee, H. K. (2017), From Sketch to Screen, from Scratch to Competence. *INTERNATIONAL JOURNAL OF ART & DESIGN EDUCATION*, 36: 303-314. doi:10.1111/jade.12160. **SSCI**
31. Lee, H. K. & Jun, S. J. (2017), Social Creativity and Design Thinking: Developing Foundation Courses in Undergraduate Transdisciplinary Design Education. *INFORMATION-AN INTERNATIONAL INTERDISCIPLINARY JOURNAL*, 20(4B): 2647-2654. **Scopus**
32. Lee, H. K. (2017), Recent Strategy & Characteristic of Worldwide Design Museums. *INTERNATIONAL JOURNAL OF ART AND CULTURE TECHNOLOGY*, 1(1): 15-20.
33. Lee, H. K.*, Cho, K. H., Lee, C., Cho, J., Yi, H., Seo, Y., Cho, G., Kwon, Y. N., Lee, C., Paek, K. (2017), Science Walden: Exploring the Convergence of Environmental Technologies with Design and Art. *SUSTAINABILITY*, 9(35): 1-17. doi:10.3390/su9010035. **SCI**
34. Lee, H. K. & Lee, W. H. (2016), The Usability Attributes and Evaluation Measurements of Mobile Media AR. *COGENT ARTS & HUMANITIES*, 3(1): 1-16. doi:10.1080/23311983.2016.1241171. **Scopus**
35. Lee, H. K. & Jun, S. J. (2014), Dialogue and Carnival: Understanding Visitors' Engagement in Design Museums. *DIGITAL CREATIVITY*, 25(3): 247-254. doi.org/10.1080/14626268.2014.904369. **AHCI**
36. Lee, H. K. (2012), Best Mentoring Practices of Design Education at the Design High School Level and Instructional Resources. *JOURNAL OF EDUCATION AND LEARNING*, 1(1): 67-76.
37. Lee, H. K. & Breitenberg, M. (2010), Education in the New Millennium: The Case for Design-Based Learning. *INTERNATIONAL JOURNAL OF ART & DESIGN EDUCATION*, 29(1): 54-60, 2010.02. doi.org/10.1111/j.1476-8070.2010.01631.x. **SSCI**
38. Lee, H. K. (2009), Role of Museums in Managing Design Education: A Case Study. *INTERNATIONAL JOURNAL OF EDUCATION THROUGH ART*, 5(2&3): 257-264. **Scopus**

전시기획 Exhibition Planning (Curating) Curator

2017 광주디자인비엔날레
Gwangju Design Biennale
Sep. 8 ~ Oct. 23, 2017

INFINITY_FSM

12. 2018

UNIST Science Walden Cabin

Sinjeong Traditional Market Design Renewal Exhibition

06. 2018

Sinjeong Traditional Market Community Lounge

2017 Gwangju Design Biennale, Official Curator

09.2017

Gwangju Design Biennale Exhibition Center

2017 Design Week_Toilet Exhibition

09.2017

DDP (Dongdaemoon Design Plaza)

Coffee Cup & Café Design

06. 2017

UNIST Community Center

2017 Korea Energy Experience Exhibition

05. 2017

Ulsan Park

Art & Science Media Art

07.2016

UNIST Science Walden Pavilion

UNIST Students' Love to Eon-Yang Market

06.2015

Eon-Yang Alps Gallery

Social Selfies: Constructing Community

10.2015

Florida State University Art Museum

One. Eye. PATI. party

02.07-03.14. 2013

Artclub1563

13 Balls.

11.22.2012-01.22. 2013

Artclub1563

City Rituals: Gestures

09.18-10.23. 2012

Artclub1563

Art on the Wall

06.01-08.31. 2012

Artclub1563

Recoop: my strength in design

08.24-09.06. 2011

Gaia Gallery



Hyun suk Kim (Korea)

Professor of Department of Visual
Communication Design at Hongik
University

Major Experiences

Chief Designer of Min
Yahoo! Design Mana
2002-2006 FIFA World
President of the anim

Experience

2015 International De
Permanent Director o
Permanent Director o



Hyun kyung Lee (Korea)

Ulsan National Institute of Science
and Technology

Major Experiences

Member of the Minist
Convergence Project
General Management
General planning of t
Research Professor, A
Adjunct Professor, De

Experience

Doctorate and intern

Where Masks Still Dance: New Guinea

12.26. 2009-06.06. 2010

In charge of research, collection report, checklist
The Bowers Museum, Santa Ana, Orange County

The Color of Life

02.01-05.30. 2008

In charge of checklist, extended labels
The Getty Villa, Los Angeles

Pentimenti

04.15-04.16. 2008

In charge of planning a workshop
The Getty Center, The J. Paul Getty Museum, LA

Syracuse sees in the city: Views of New York

01.01-04.01. 2004

In charge of exhibition design, brochure, checklist
Lowe Art Gallery, Syracuse University, New York

Beneath the Banyan Tree: Ritual, Remembrance, and
Storytelling in Performed North Indian Folk Arts

11.01. 2003-01.31. 2004

In charge of exhibition design
Lowe Art Gallery, Syracuse University, New York

PASSAGEWAY-OVERGOING

07.09.-09.12. 2003

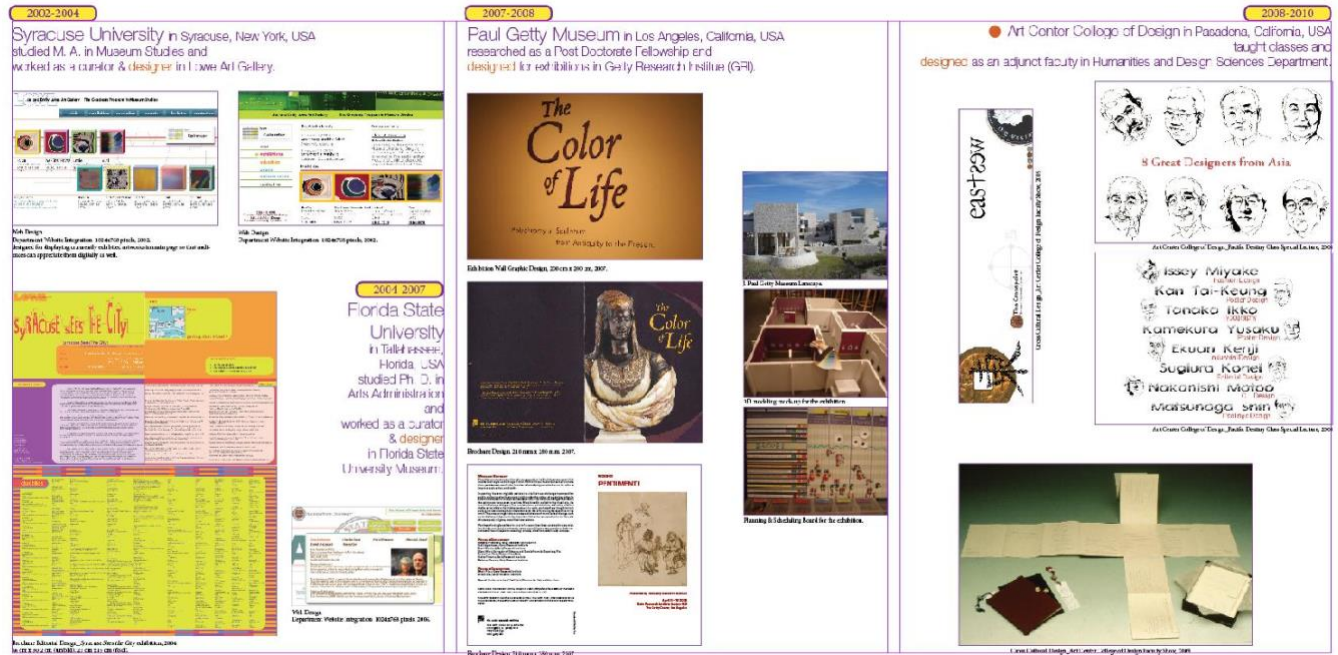
In charge of checklist & labeling editing, design
MOCA (Museum of Contemporary Art), Seoul

Patent

국내/해외 특허, 디자인, 실용신안 20건이상 등록.
20 International/Domestic Patent Registrations

	발명의 명칭	카테고리	등록 번호	등록 날짜
1	물 없는 양변기-좌변기 높낮이 조정	해외 디자인 등록	DM/097 431	2017-06-30
2	친환경 변기 및 이를 이용한 분뇨 처리 시스템	특허 등록	10-1881231	2018-07-17
3	양변기	특허 등록	10-1865881	2018-06-01
4	꼬치 포장용 상자	디자인 등록	30-0988850	2019-01-04
5	꼬치 포장용 상자	디자인 등록	30-0988849	2019-01-04
6	생선 포장용 케이스	디자인 등록	30-0984938	2018-12-06
7	식품 포장 용기	디자인 등록	30-0979380	2018-10-30
8	캐리어 측면 창문	디자인 등록	30-0959544	2018-06-01
9	팜플렛/냅킨/포크 패키지 디자인	디자인 등록	30-0959545	2018-06-01
10	투명 슬리브	디자인 등록	30-0955783	2018-05-03
11	뚜껑의 빨대부분 1	디자인 등록	30-0955514	2018-05-02
12	전통 돌담 무늬 캐리어	디자인 등록	30-0947439	2018-03-07
13	가마 모양 캐리어	디자인 등록	30-0947438	2018-03-07
14	캐리어와 컵의 이어지는 스토리	디자인 등록	30-0947437	2018-03-07
15	절두원추형 용기의 삼등분된 모양과 머리 모양의 뚜껑	디자인 등록	30-0942719	2018-01-29
16	뚜껑의 빨대부분 2	디자인 등록	30-0940668	2018-01-12
17	절두원추형 용기의 삼등분된 모양과 머리 모양의 뚜껑	디자인 등록	30-0940666	2018-01-12
18	뚜껑 주전자	디자인 등록	30-0940669	2018-01-12
19	주전자와 뚜껑 일체형	디자인 등록	30-0940667	2018-01-12
20	주전자와 일체형	디자인 등록	30-0939118	2018-01-03
21	뚫린 원고지 형태	디자인 등록	30-0939116	2018-01-03
22	동계올림픽과 종이인형 컨셉	디자인 등록	30-0939117	2018-01-03
23	원형 모형의 미래형 물 없는 양변기	디자인 등록	30-0909950	2017-06-05
24	팜플렛을 활용한 전등 갓	실용신안 등록	20-0481333	2016-09-07

Portfolio



2016년 문화체육관광부에서 선정하는 '올해의 책 (세종도서)'에 선정됨.



'물없는 양변기-좌변기 높낮이 조정' (2017) 해외 디자인 등록. DDP (동대문디자인플라자) 공예박람회에 전시출품작.

FEATURED SESSION 4



Panel Discussion

MODERATOR / SPEAKER

Hyun-Kyung Lee

Professor, Underwood
International College,
Yonsei University;
Facilitator, UNOSD

"To introduce a sustainable lifestyle, fostered through innovation, duty, and design."

"Yonsei University partnered with UNOSD in order to address the importance of sustainable development, and its daunting challenges. The "Design Thinking Process" is a user-centric approach to develop accelerated solutions for multifaceted problems"

The UNOSD Youth Summer Camp is in its 6th year, and for the past four years, it has taken place at Yonsei University's International Campus in Songdo. The program teaches the use of design thinking methodology, which participants use to contribute to progressing the sustainable development goals by developing prototypes for new inventions. Design thinking is a user-centric approach to developing accelerated solutions for multifaceted problems. The process compartmentalizes a problem into a multi-stage abstract that begins with building a stronger overall understanding of a problem through empathy and seeing both sides.

The UNOSD Youth Summer Camp aims to foster innovative ideas that uphold sustainable development goals. Participants develop ideas using the design thinking process and work towards creating prototypes. An example of this is the creation of a more affordable solution for the packaging of green onions using longer and slim packages that are similar to those used for French baguettes. The prototype was constructed using a 3D printer, and the corporate identity system was set up, and it was displayed at the exhibition center to be promoted to the public. The program welcomes participants in their 20s from any part of the world, and it hopes to inspire young adults to become leaders or innovators toward a more sustainable world.



GEEF2023

Global Engagement & Empowerment Forum
on Sustainable Development

TURNING POINT FROM CRISIS INTO OPPORTUNITY REPORT

February 2nd~3rd, 2023

Centennial Hall & The Commons(Baekyangnuri)
Yonsei University, Seoul, Republic of Korea

| Co-Host |



| Sponsors |



This forum is sponsored by BK21 Graduate School Innovation Project.

GEEF2023

Global Engagement & Empowerment Forum
on Sustainable Development



TOILET DESIGN FOR SAVING AN EARTH & UNOSD SUMMER CAMP



HYUN-KYUNG LEE
Professor, Underwood International College,
Yonsei Univ.



SEUNG MIN PARK
Instructor of Stanford Medical School



JAEWEOON CHO
Professor, UNIST



GINAM KIM
Vice President,
SAMSUNG Advanced Institute of Technology



GEEF 2023

TOILET DESIGN FOR SAVING AN EARTH & UNOSD SUMMER CAMP

GEEF 2023

GEEF 2023

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TOILET DESIGN FOR SAVING AN EARTH & UNOSD SUMMER CAMP



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