Sheng-Hung Lee

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45 Hayward Street,
Cambridge, MA 02142

Sheng-Hung Lee is a designer, engineer, and educator. He is inspired by multiple domains of knowledge and different perspectives, and he thrives on creating new value for clients on multi-disciplinary teams. He is trained as an industrial designer and electrical engineer, and his approach to problem solving is influenced by his passion for how design and technology impact and can be integrated into society. Lee has been focusing on product-experience designs, organizational designs and education that create meaningful systemic impacts.

Education	2022─2024 (Expected)	**Massachusetts Institute of Technology**, USA
		Ph.D. Candidate, Human Behavior and Service Design[*]
		[*]*self-designed, interdisciplinary doctoral degree administered by MIT Department of Mechanical Engineering*
		─ Thesis: Human-Centered System Service: Design for Longevity
		─ Ph.D. Committees: Maria C. Yang, Joseph F. Coughlin, Eric Klopfer, Olivier de Weck, and John Ochsendorf
		─ Industry Mentors: Gianfranco Zaccai and Michael Peng
	2019─2022	**Massachusetts Institute of Technology**, USA
		MS, Integrated Design & Management (GPA: 5.0 / 5)
		MS, Mechanical Engineering (GPA: 5.0 / 5)
		─ Thesis: Human-Centered System Design for an Aging Population: An Experimental Study of Footwear Design [pdf]
		─ Advisors: Massachusetts Institute of Technology: Prof. Olivier de Weck, Dr. Joseph F. Coughlin, and Prof. Maria Yang
		Carnegie Mellon University: Prof. Jonathan Chapman
		─ MIT Planet D (Official Club for Human-Centered Systems Design) President and Co-Founder
	2006─2013	**National Cheng Kung University**, R.O.C. (Taiwan)
		BS, Industrial Design (GPA: 4.00 / 4)
		BS, Electrical Engineering (GPA: 3.95 / 4)
		─ NCKU President Scholarship
		─ NCKU Outstanding Student Award for Academic
		─ NCKU Distinguished Achievement Award in Industrial Design and Electrical Engineering
		─ China Technical Consultants, Inc. (CTCI) Science and Technology Creativity Scholarship
Research Experience	2019─Present	**MIT AgeLab**, Cambridge, USA [link]
		Ph.D. Researcher and Designer
		─ Project Smart Home for the Aging Population
		─ MIT AgeLab Website Design Team
	2022─2022	**MIT Governance Lab (MIT GOV/LAB)** , Cambridge, USA [link]
		Curriculum Designer
		─ Governance Innovation
	2020─Present	**MIT Ideation Lab**, Cambridge, USA [link]
		Ph.D. Researcher and Designer
	2019─2021	**MIT xPRO**, Cambridge, USA
		Research Assistant and Curriculum Experience Designer
		─ Co-designed MIT xPRO Systems Thinking course and toolkit with Prof. Edward F. Crawley
	2021─2022	**MIT Office of Sustainability**, Cambridge, USA [link]
		Safe and Sustainable Lab Fellow and Designer
		─ Research Paper published by World Design Organization (WDO) Research and Education Forum (2022)
		─ Poster Paper published by Digital Research in the Humanities and Arts (DRHA) (2022)
		─ Research Paper published by IDC and Industrial Designers Society of America (IDSA) (2021)
		─ Conducted ethnographic research working with Dr. Julie Newman, Director of MITOS (2021)
		─ Worked on the research topic: Safe and Sustainable Lab: Disposable Material Flow (2021)
	2023─Present	**Moholy-Nagy University of Art and Design (MOME) Social Design Hub**, Budapest, Hungary
		Visiting Research Fellow
		─ Worked on the research topic: Design for Longevity x FRUSKA from September 1st, 2023 to March 31st, 2024
		─ Collaborated with MIT AgeLab and MOME Innovation Center Social Design Hub

Teaching Experience	2020—Present	**MIT Course 2.00 Introduction to Design**, Cambridge, USA

Teaching Experience

2020—Present — **MIT Course 2.00 Introduction to Design**, Cambridge, USA
Team Lab Instructor
─ Fall Term 2022-2023 | Overall Rating **7.0** / 7 *(Rating Scale: 1=Very Poor, 7=Excellent)*
─ Fall Term 2020-2021 | Overall Rating **6.0** / 7 *(Rating Scale: 1=Very Poor, 7=Excellent)*

2020—Present — **MIT Course 15.783 / 2.739 Product Design and Development**, Cambridge, USA
Guest Reviewer
─ Spring Term 2022-2023, 2021-2022, 2020-2021
─ Fall Term 2019-2020

2020—Present — **MIT Course 11.547 / SCM 287 Global Aging & The Built Environment**, Cambridge, USA
Co-Instructor and Teaching Assistant
─ Fall Term 2022-2023 | Overall Rating **6.2** / 7 *(Rating Scale: 1=Very Poor, 7=Excellent)*
─ Fall Term 2021-2022 | Overall Rating **6.7** / 7 *(Rating Scale: 1=Very Poor, 7=Excellent)*

2020 — **MIT Course 11.S941 / 11.S195 Global Aging: Planning Cities for a 100-Year Society**, Cambridge, USA
Co-Instructor and Teaching Assistant
─ Fall Term 2020-2021

2024 — **Rhode Island School of Design (RISD) Makeathon Competition**, Providence, USA
Mentor
─ March 23, 2024

2015—2019 — **Fudan University**, P.O.C. (China)
Adjunct Associate Professor
─ Outstanding Adjunct Professor Award, Shanghai Institute of Visual Arts, Fudan University (2018, 2017)
─ Teaching: Graduation Project, Sustainable Design, and Design Method

2023—Present — **Shih Chien University**, Taiwan
Adjunct Associate Professor
─ Teach "Service Design" in the Asia Summer Program from June 17th to July 4th, 2023

2023—Present — **Holon Institute of Technology (HIT)**, Israel
Visiting Lecturer
─ Teach "Design for Longevity: Project Your Future Self" in International Design Week "The Elephant in the Room" from October 14th to October 20th, 2023
─ The course collaboration was invited by Dr. Yael Eylat Van Essen, Faculty of Design, HIT

2023—Present — **Macromedia University**, Munich, Germany
Visiting Lecturer
─ Teach "Life-Centered Design" in Design Management Program from October 1st, 2023 to January 31st, 2024
─ The course collaboration was invited by Oliver Szasz, Professor of Digital Media and Communication Design and Head of Study Programme M.A. Design Management, Macromedia University

2022—2022 — **Telkom University**, Indonesia
Visiting Professor (2022 Summer)
─ School of Creative Industries appoints as a Visiting Professor at Global Learning Week (GLOW)

2017—2019 — **DaTao Master Academy**, P.O.C. (China)
Adjunct Associate Professor
─ Teaching: Ergonomic (I), (II), and (III)

Service

2023—2024 — **Design Research Society (DRS) Conference**, Boston, USA
Paper Track Co-Chair
─ Design for Longevity (D4L): Project Your Future Self through Service and Technology

2023—2024 — **diid (disegno industriale industrial design) Journal**, Università di Bologna, Bologna, Italy
Guest Editors with *Andreas Sicklinger*
─ Design for Longevity (D4L) and Life-Centered Design [link | pdf]
─ No.84 | ISSN (online): 2785-2245 | ISSN: 1594-8528

2023—2024 — **Base Diseño e Innovación Journal**, Universidad del Desarrollo, Chile
Guest Editors with *Mariluz Soto Hormazabal, Melanie Sarantou, and Paula Melo Signerez.*
─ Design and longevity, new perspectives, and challenges [link | pdf]
─ Vol. 9, Num. 11, 2024

2020—Present — **The Design Journal**, Publisher Routledge
Journal Reviewer [link | pdf]
─ ISSN (online): 1756-3062 | ISSN: 1460-6925

2020—Present — **World Design Organization (WDO)**
─ WDO Education Committee (2023)

— WDO Board Director Candidate (2022)
— Research Paper published by WDO Research and Education Forum (2022)
— WDO World Industrial Design Day Speaker (2022, 2021)
— WDO Young Designers Circle Ambassador (2020)

2012─Present	**Industrial Designers Society of America (IDSA)**
	— IDSA At-Large Director (Awards) Board of Director (2023)
	— IDSA At-Large Director (Awards) Leadership Role Candidate (2022)
	— IDSA Boston Chair (2022)
	— IDSA Award Committee (2022, 2021)
	— IDSA Boston Vice Chair (2020)
	— IDSA At-Large Director (Awards) Leadership Role Candidate (2020)
	— International Design Excellence Awards (IDEA) Jury (2018, 2017)
	— IDSA International Design Conference (IDC) Paper Presenter (2022, 2021, 2020)
	— IDSA Gianninoto Graduate Scholarship Winner (2019)

Work Experience	2015─2019	**IDEO**
		Industrial Designer and Electrical Engineer
		— Clients: NIKE, Procter & Gamble, Tsinghua University MBA program, Vichy, China Resources Land Limited, Fotile
	2014─2015	**Continuum**
		Industrial Designer and Design Strategist
		— Clients: Rubbermaid, Bank of China, UCAR Inc
	2019─2019	**EMMA Creative Center Pforzheim**, Germany
		Designers in Residence (Industrial Design)
		— Project: Small Things with Big Heart

Design Award Jury	2023	International Design Awards Jury ─ Architectural, Interior, Product, Fashion and Graphics
	2022	Australian Good Design Awards ─ Next Gen Category
	2022	International Design Awards Jury ─ Architectural, Interior, Product, Fashion and Graphics
	2022	Golden Pin Design Award Jury ─ Concept Design
	2021	Australian Good Design Awards ─ Next Gen Category
	2021	Rethinking The Future (RTF) Design Awards
	2020	Spark Design Award Jury ─ Design Concept and Student Category
	2020	International Design Awards Jury ─ Architectural, Interior, Product, Fashion and Graphics
	2020	Ukrainian Design Award Jury ─ Product Design
	2019	LITE-ON Award Jury ─ Design Category
	2019	Ukrainian Design Award Jury ─ Industrial Design
	2019	International Design Awards Jury ─ Architectural, Interior, Product, Fashion and Graphics
	2018	International Design Excellence Awards (IDEA) Jury ─ Industrial Design
	2018	International Design Awards Jury ─ Architectural, Interior, Product, Fashion and Graphics
	2018	Spark Design Award Jury ─ Product Design and Design Concept
	2018	Ukrainian Design Award Jury ─ Environmental Design
	2018	Red Star Design Award Jury ─ Product and Service Design
	2018	Golden Pin Design Award Jury ─ Product Design
	2017	Taihu Design Award Jury ─ Product and Industrial Design
	2017	International Design Excellence Awards (IDEA) Jury - Industrial Design
	2017	A' Design Award & Competition Jury ─ Product and Industrial Design
	2017	Ukrainian Design Award Jury ─ Industrial Design
	2016	Spark Design Award Jury ─ Maker and Design Concept
	2016	International Design Awards Jury ─ Architectural, Interior, Product, Fashion and Graphics
	2016	Golden Pin Design Award Consultant ─ Design Concept

Self-published Books	2019	**Design Consciousness ─ Small Things with Big Heart**
		Sheng-Hung Lee
		Sponsored by EMMA Creative Center Pforzheim Designers in Residence Scholarship and Program [website]
	2017	**IDSA Blueprint in Asia**
		Sheng-Hung Lee
		Sponsored by Industrial Designers Society of America (IDSA) [website]

Books Translation	2023	**Dieter Rams: The Complete Works**
		Authors: Klaus Klemp and Dieter Rams

Translator: Sheng-Hung Lee
EN version published by Phaidon Press [book | ISBN: 9781838661533]
CH version published by Faces Publications [webpage | book | pdf | ISBN: 9786263153691]

Book Chapter Articles	2025	**Longevity Service: A Systematic Literature Reviews** **Sheng-Hung Lee** In: *Boundary spanning design for better services in digital times, Publisher: Edward Elgar (Provisional accepted, final review)*
	2024	**Inclusive Financial Planning Service Design Considerations for an Aging Population** **Sheng-Hung Lee**, Alexa Balmuth, and Joseph F. Coughlin In: *Design in Action, Publisher: INTELLECT (Provisional accepted, final review)*
	2024	**Prototyping Longevity Service Systems: Tech or Touch?** **Sheng-Hung Lee**, Maria Yang, Joseph F. Coughlin, Lisa D'Ambrosio, Sofie Hodara, Eric Klopfer, Olivier L. de Weck, and John Ochsendorf In: *Systemic Service Design, Publisher: Routledge (Provisional accepted, final review)*
	2024	**Design for Longevity: An Empathetic Service Design Framework** **Sheng-Hung Lee** In: *Service Design Futures: Creating Empathy through Prototyping, Arts-based Methods and Artificial Intelligence, Publisher: Bloomsbury (Provisional accepted, final review)*
	2023	**Macro-Trend Study Under Service System: Preliminary Research in Service Innovation and Emerging Technology** **Sheng-Hung Lee**, Maria C. Yang, Olivier L. de Weck, Chaiwoo Lee, Joseph F. Coughlin, and Eric Klopfer In: *Service Design for Emerging Technologies Product Development. Springer Series in Design and Innovation, vol 29. Springer, Cham. https://doi.org/10.1007/978-3-031-29306-1_4* [chapter article	pdf]
	2022	**A Preliminary Discussion of Human-Centered System Design from Theory to Application:** **Use Smart Footwear Design for an Aging Population as an Example** **Sheng-Hung Lee** In: *IxDC Growth, Publisher: Tsinghua University Press, ISBN: 9787302611639*
Journal Paper	2024	**Transformation by Human-Centered System Design** **Sheng-Hung Lee** [journal	pdf	website pdf] In: *Design Management Institute (DMI): Review Issue, Vol. 35, No. 1*
	2024	**Seduction in Tangible** **Sheng-Hung Lee** In: *INNOVATION, Spring (Provisional accepted, final review)*
	2024	**Design Considerations and Ethics for Immersive Technologies: Reshaping Longevity Coaching Services** **Sheng-Hung Lee** In: *Temes de Disseny. Fall/Winter'2024 (Provisional accepted, final review)*
	2023	**The Transformation of Design Platform Under System Thinking** **Sheng-Hung Lee**, Olivier L. de Weck, Maria C. Yang, and Joseph F. Coughlin In: *International Journal of Performance Arts and Digital Media, October, 24, 2023* [journal	pdf]
	2022	**Retail Banking and Financial Service Under System Analysis** **Sheng-Hung Lee**, Joseph F. Coughlin, and Eric Klopfer In: *Arte, entre paréntesis, Vol. 2, No. 15* [journal	pdf]
	2021	**Revisiting My Self-Quarantine Experience through a Data-driven Approach** **Sheng-Hung Lee** In: *Design Management Institute (DMI): Review Issue, Vol. 32, No. 1* [journal	pdf	website pdf]
Articles in Refereed Conference Proceedings	2024	**Tech or Touch-based Longevity Coaching Services: Design Considerations and AI-Empowered Coding Analysis** **Sheng-Hung Lee**, Joseph F. Coughlin, Maria Yang, and Sofie Hodara In: *Cumulus Budapest—P/REFERENCES OF DESIGN, Budapest, Hungary, 2024* [conf	pdf]
	2024	**Design for Longevity Literature Review in Product Lifecycle, Financial Planning, and Gerontology** **Sheng-Hung Lee**, Joseph F. Coughlin, Sofie Hodara, Maria Yang, Olivier L. de Weck, Eric Klopfer, and John Ochsendorf In: *Design Research Society (DRS)—Resistance, Recovery, Reflection, Reimagination, USA, 2024* [conf	pdf]
	2024	**Enhancing Financial Education for Longevity through Service Design** **Sheng-Hung Lee**, Joseph F. Coughlin, Sofie Hodara, and Maria Yang In: *Design Research Society (DRS)—Resistance, Recovery, Reflection, Reimagination, USA, 2024* [conf	pdf]

2023 | **Longevity Planning Service Across Immersive Technologies**
Sheng-Hung Lee, Sofie Hodara, Maria Yang, and Joseph F. Coughlin
In: *Leaving Nothing Behind Conference at University of Bologna, Italy, 2023* [conf | pdf]

2023 | **Designing Healthcare Services for Longevity**
Sheng-Hung Lee, Sofie Hodara, Joseph F. Coughlin, Maria Yang, Yu-Chen Chen, Yan-Chun Lin, Shyh-Nan Liou
In: C*umulus Beijing 2023, Central Academy of Fine Arts, Beijing, China, 2023* [conf | pdf]

2023 | **Designing Longevity Planning Blocks through Experimental Participatory Observation and Interviews**
Sheng-Hung Lee, Joseph F. Coughlin, Alexa Balmuth, Chaiwoo Lee, Lauren Cerino, Maria Yang, Eric Klopfer, Olivier L. de Weck, and John Ochsendorf
In: *International Association of Societies of Design Research (IASDR) Congress 2023 — Life-changing Design, Milan, Italy, 2023* [conf | pdf]

2023 | **Applying Human-Centered System Design to the Development of a Tool for Service Innovation**
Sheng-Hung Lee, Taylor Patskanick, Alexa Balmuth, Joseph F. Coughlin
In: *Cumulus Antwerp 2023—Connectivity and Creativity in times of Conflict, Antwerp, Belgium, 2023* [conf | pdf]

2023 | **Co-create Financial Planning Services for an Aging Population: Designers' Perspectives**
Sheng-Hung Lee, Maria C. Yang, Olivier L. de Weck, Chaiwoo Lee, Joseph F. Coughlin, Eric Klopfer, and John Ochsendorf
In: *ICED23 and The Design Society—24th International Conference on Engineering Design: Design in a complex world, Bordeaux, France, 2023* [conf | pdf]

2023 | **Service Design in Action: Transformation, Consideration, and System Thinking**
Sheng-Hung Lee, Maria C. Yang, Olivier L. de Weck, Chaiwoo Lee, Joseph F. Coughlin, Eric Klopfer, and John Ochsendorf
In: *ICED23 and The Design Society—24th International Conference on Engineering Design: Design in a complex world, Bordeaux, France, 2023* [conf | pdf]

2023 | **Design Artifacts and Gaming Transform Financial Planning Services**
Sheng-Hung Lee, Joseph F. Coughlin, Alexa Balmuth, and Maria C. Yang
In: *Industrial Designers Society of America (IDSA)—International Design Conference (IDC), New York, USA, 2023* [conf | pdf]

2023 | **From Brainstorming to Bodystorming: Co-creation Workshop Analysis Using Applied Video Ethnography**
Sheng-Hung Lee, Joseph F. Coughlin, Chaiwoo Lee, and Maria C. Yang
In: *Industrial Designers Society of America (IDSA)—International Design Conference (IDC), New York, USA, 2023* [conf | pdf]

2023 | **Making the Web Accessible to the Aging Population**
Manasi Atul Vaidya and **Sheng-Hung Lee**
In: *2023 CHI Conference on Human Factors in Computing Systems, Hamburge, Germany, 2023* [conf | pdf]

2023 | **An Iterative Approach to User-Centered Design of Smart Home Systems**
Lauren C. Cerino, Chaiwoo Lee, **Sheng-Hung Lee**, Shabnam Fakhr-Hosseini, Heesuk Son, Shen Shen, and Joseph F. Coughlin
In: *International Conference on Human-Computer Interaction, Copenhagen, Denmark, 2023* [conf | pdf]

2023 | **Acceptance of Future Home Technologies and Services: Comparing Different Tasks, Scenarios and User Characteristics**
Shabnam FakhrHosseini, Chaiwoo Lee, **Sheng-Hung Lee**, Lauren Cerino, and Joseph Coughlin
In: *The 67th Human Factors and Ergonomics Society 2023, Washington, DC, USA, 2023* [conf | pdf]

2022 | **Footwear Design Consideration for an Aging Population from User Experience, Service, and Technology Aspects**
Sheng-Hung Lee, Chaiwoo Lee, Maria C. Yang, and Joseph F. Coughlin
In: *The 66th Human Factors and Ergonomics Society 2022, Atlanta, Georgia, USA, 2022* [conf | pdf]

2022 | **Re-envision a Hybrid Participatory Design Workshop: People, Pedagogy, and Process—An Experimental Study of Footwear Paper Prototype**
Sheng-Hung Lee, Ziyuan Zhu, Chaiwoo Lee, Maria C. Yang, and Joseph F. Coughlin
In: *Industrial Designers Society of America (IDSA)—International Design Conference (IDC), Seattle, USA, 2022* [conf | pdf]

2022 | **The Transformation of Design Platform Under System Thinking**
Sheng-Hung Lee, Maria C. Yang, Olivier L. de Weck, and Joseph F. Coughlin
In: *Digital Research in the Humanities and Arts (DRHA) 2022—Digital Sustainability: From Resilience to Transformation, Kingston School of Art, London, UK, 2022* [conf | video]

2022 | **Reshape Safe and Sustainable Makerspaces and Laboratories on Campus: An Experimental Study on Material Flow through Human-centered System Design**
Sheng-Hung Lee

In: *Commons in Design by Swiss National Science Foundation and FHNW Academy of Art and Design Basel, Basel, Switzerland, 2022* [conf | pdf]

2022 **Evolving Ethics in Design Research: Reshaping Design Considerations for Product Designer**
Sheng-Hung Lee, Olivier L. de Weck, and Joseph F. Coughlin
In: *Design Management Institute (DMI)—2022 Academic Design Management Conference: Design Management as a Strategic Asset, Toronto, Canada, 2022* [conf | pdf]

2022 **Human-centered System Design for Global Supply Chain**
Sheng-Hung Lee, Olivier L. de Weck, and Joseph F. Coughlin
In: *Design Management Institute (DMI)—2022 Academic Design Management Conference: Design Management as a Strategic Asset, Toronto, Canada, 2022* [conf | pdf]

2022 **Exploring People's Behavior Through Tracking Assistive Technologies—Ultra-wideband Wireless Technology and Applications**
Sheng-Hung Lee, Maria C. Yang, Joseph F. Coughlin, and Alejandro Carcel Lopez
In: *Royal College of Art (RCA) Helen Hamlyn Centre for Design — INCLUDE 2022: Unheard Voices, London, UK, 2022*
[conf | video | abstract | poster]

2022 **Computational Design Experiment for Older Adult's Footwear—Field-Driven Approach and Product Design Applications**
Sheng-Hung Lee, Olivier L. de Weck, and Joseph F. Coughlin
In: *Royal College of Art (RCA) Helen Hamlyn Centre for Design — INCLUDE 2022: Unheard Voices, London, UK, 2022*
[conf | video | abstract | poster]

2022 **Envisioning Safe and Sustainable Labs with Human-centered System Design: An Experimental Study on Disposable Material Flow**
Sheng-Hung Lee
In: *Design for the Unimagined — 2022 World Design Organization (WDO) Research and Education Forum, Montreal, Quebec, Canada, 2022* [conf | pdf]

2022 **Reshaping the Smart Home Research and Development in the Pandemic Era: Considerations around Scalable and Easy-to-Install Design**
Heesuk Son, Chaiwoo Lee, Shabnam FakhrHosseini, **Sheng-Hung Lee**, Joseph F. Coughlin, John Rudnik
In: *Proceedings of the ACM on Human-Computer Interaction, Volume 6, Issue CSCW1* [conf | pdf]

2021 **Carbon Neutrality in Makerspaces: Circular Makerspace Evaluation Toolkit (CMET)**
Sheng-Hung Lee
In: *Industrial Designers Society of America (IDSA)—International Design Conference (IDC), virtual, 2021* [conf | pdf]

2021 **An Architecting Approach to Transformations within the Design Consulting Industry: IDEO Case Study**
Sheng-Hung Lee, Wei-Ching Lin, John Rudnik, and Donna H. Rhodes
In: *ICED21 and The Design Society — 23rd International Conference on Engineering Design: Design In Motion, Gothenburg, Sweden, 2021* [conf | pdf]

2021 **The Inspiration Design Toolkit: A Human-Centered Design Tool for a System Engineering Course**
Sheng-Hung Lee, Maria C. Yang, Beatriz Carramolino, and John Rudnik
In: *The ASME 2021 Virtual International Design Engineering Technical Conferences & Computers and Information in Engineering Conference — 18th International Conference on Design Education (DEC), virtual, 2021* [conf | pdf]

2021 **An Expert Interview Study of IoT Wearable Technologies for an Aging Population from Product, Data, and Society Dimensions**
Sheng-Hung Lee, Ziyuan Zhu, Chaiwoo Lee, Fabio Duarte, and Joseph F. Coughlin
In: *Human-Computer Interaction (HCI) International 2021, virtual, 2021* [conf | pdf]

2021 **Applying a System Engineering Approach to the Early Stage of Product Design**
Sheng-Hung Lee, Olivier L. de Weck, and Joseph F. Coughlin
In: *The 8th Bandung Creative Movement Conference, virtual, 2021* [conf | pdf]

2021 **Manufacturing Creative Impact: Co-creation Toolkits and Service Design for Remote Hybrid Collaboration Experience**
Sheng-Hung Lee, Ziyuan Zhu, Simone Mora, and Joseph F. Coughlin
In: *The 8th Bandung Creative Movement Conference, virtual, 2021* [conf | pdf]

2021 **User Needs of Smart Home Services**
Shabnam FakhrHosseini, **Sheng-Hung Lee**, John Rudnik, Heesuk Son, Chaiwoo Lee, Joseph F. Coughlin
In: *Proceedings of the Human Factors and Ergonomics Society Annual Meeting, virtual, 2021* [conf | pdf]

2020 **Experimenting with Design Thinking and System Engineering Methodologies: Using a Commercial Cislunar Space Development Project as an Example**
Sheng-Hung Lee, John Liu, John Rudnik, Olivier L. de Weck, Joseph F. Coughlin, and Jonathan Chapman
In: *Industrial Designers Society of America (IDSA)—International Design Conference (IDC), virtual, 2020* [video | pdf]

	2020	**Apply Humanity-centered Design Process to Envision the Future Learning Experience of Public Area – Use "Redesign Shanghai Library Innovation Space Project" as an Example** **Sheng-Hung Lee**, John Rudnik, Lin Lin, Liangtie Tang, and Deming Zhou In: *Design Management Institute (DMI)—Academic Design Management Conference: Impact the Future by Design, virtual, 2020* [video	pdf]
	2020	**Apply and Curate the Object-Process Methodology (OPM) and the Human-centered Design to Solve the Systemic Challenge – Use Campus Tour Experience Design as an Example** **Sheng-Hung Lee**, Chaiwoo Lee, John Rudnik, Chaiwoo Lee, Olivier L. de Weck, Joseph F. Coughlin, and Jonathan Chapman In: *Design Management Institute (DMI)—Academic Design Management Conference: Impact the Future by Design, virtual, 2020* [video	pdf]
	2020	**An Exploration of the Creative Cognitive Process by Translating the Observation into the Early Stage of the Product Design Development – Apply the Experimental Project "Design Consciousness: Small Things with Big Heart" as an Example** **Sheng-Hung Lee**, John Rudnik, Tim Storti, and Almut Benkert In: *Design Management Institute (DMI)—Academic Design Management Conference: Impact the Future by Design, virtual, 2020* [video	pdf]
	2020	**Apply Funnel Model to Design Thinking Process** **Sheng-Hung Lee**, Ziyuan Zhu, John Rudnik, Chaiwoo Lee, Joseph F. Coughlin, Olivier L. de Weck, and Jonathan Chapman In: *Design Management Institute (DMI)—Academic Design Management Conference: Impact the Future by Design, virtual, 2020* [video	pdf]
	2020	**A Systematic Thinking Design Research Approach Combining the ConOps with Design Scenario – Use Commercial Cislunar Space Development Project as an Example** **Sheng-Hung Lee**, John Rudnik, Chaiwoo Lee, Shabnam Fakhrhosseini, Olivier L. de Weck, Joseph F. Coughlin, and Jonathan Chapman In: *Design Management Institute (DMI)—Academic Design Management Conference: Impact the Future by Design, virtual, 2020* [video	pdf]
Work in Progress Research and Papers	2022	**Smart Footwear Design Consideration for the Aging Population** **Sheng-Hung Lee**, Alexa Balmuth In: *Innovation in Aging, Journal of The Gerontological Society of America (GSA)*
DesignWanted Column	2024	**Design for Vulnerability (D4V): Adaptability, Artifacts, and Apprehension** Sheng-Hung Lee In: *DesignWanted, February 2, 2024* [article	pdf] Number of shares from DesignWanted website: **46**
	2023	**From Post-it notes to solutions. From artificial intelligence to anticipating intelligence.** Sheng-Hung Lee In: *DesignWanted, December 22, 2023* [article	pdf] Number of shares from DesignWanted website: **83**
	2023	**Industrial Design Paradigm Shift: Reflection on Translating Dieter Rams Portfolios** Sheng-Hung Lee In: *DesignWanted, November 2, 2023* [article	pdf] Number of shares from DesignWanted website: **43**
	2023	**What makes a design conference go from informative to inspiring?** Sheng-Hung Lee In: *DesignWanted, September 11, 2023* [article	pdf] Number of shares from DesignWanted website: **108**
	2023	**Building an AgeTech City: Services, Community, and Technology** Sheng-Hung Lee In: *DesignWanted, July 14, 2023* [article	pdf] Number of shares from DesignWanted website: **131**
	2023	**Design for simulation: how to project your future self?** Sheng-Hung Lee In: *DesignWanted, May 31, 2023* [article	pdf] Number of shares from DesignWanted website: **71**
	2023	**Design for Longevity: Service, Systems, and Sustainability**

Sheng-Hung Lee
In: *DesignWanted, April 12, 2023* [article | pdf]
Number of shares from DesignWanted website: **102**

	2023	**A self-reflection on research ethics and design process** Sheng-Hung Lee In: *DesignWanted, February 23, 2023* [article	pdf] Number of shares from DesignWanted website: **57**
	2022	**From Brainstorming to Bodystorming: an applied ethnographic perspective to view co-creation workshops** Sheng-Hung Lee In: *DesignWanted, December 28, 2022* [article	pdf] Number of shares from DesignWanted website: **21**
	2022	**Service Innovation in Space Design: How to build an immersive and interactive lab space experience in a post-Covid era** Sheng-Hung Lee In: *DesignWanted, September 8, 2022* [article	pdf] Number of shares from DesignWanted website: **25**
	2022	**A Look into Design Leadership at MIT Laboratories: A Preliminary Discussion on Design Leadership through a Hybrid Academic and Industrial Lens** Sheng-Hung Lee In: *DesignWanted, July 15, 2022* [article	pdf] Number of shares from DesignWanted website: **124**
	2022	**Computational design experiment for older adult's footwear** Sheng-Hung Lee In: *DesignWanted, April 15, 2022* [article	pdf] Number of shares from DesignWanted website: **167**
MIT AgeLab Column	2023	**Design for Longevity: Life-Centered Design** Sheng-Hung Lee In: *MIT AgeLab, August 2, 2023* [article	pdf]
	2022	**Reshaping financial planning through a co-creation workshop** Sheng-Hung Lee In: *MIT AgeLab, November 17, 2022* [article	pdf]
	2022	**Transformative Service Innovation and Design: From Touch Points to Data Points** Sheng-Hung Lee In: *MIT AgeLab, July 15, 2022* [article	pdf]
	2022	**Creative teaching in a course on aging: a designer's perspective** Sheng-Hung Lee In: *MIT AgeLab, April 1, 2022* [article	pdf]
Magazine Articles	2023	**Technology Intersects Design: Meet the Visionary Leader of Multidisciplinary Excellence** Sheng-Hung Lee In: *Design Decode* [article	pdf]
	2022	**What I Wish I'd Learnt in College: People Skills, Empathy Building and Storytelling** Sheng-Hung Lee In: *World Design Organization (WDO): design 360* [article	pdf	website pdf]
	2021	**Back to Basics: Communication Skills for Virtual Interviews** Sheng-Hung Lee In: *<INNOVATION> Summer 2021—Academia 360 Column by Industrial Designers Society of America (IDSA)* [pdf]
	2020	**Experimenting with Design Thinking and System Engineering Methodologies: Using a Commercial Cislunar Space Development Project as an Example** Sheng-Hung Lee and John Liu In: *<INNOVATION> Winter 2020—Education Interrupted by Industrial Designers Society of America (IDSA)* [video	pdf]
	2020	**My D Journey with Industrial Designers Society of America (IDSA)** Sheng-Hung Lee In: *Industrial Designers Society of America (IDSA)—National Industrial Design Day* [article	pdf	website pdf]
	2020	**Aloha — An Inspirational Trip at Hawaii**

Sheng-Hung Lee
In: *Asia Designer Communication Platform (ADP)—Education Column* [article | pdf | website pdf]

2019 | **A Design Sprint Project Reflection ─ Revisiting Teamwork from the Lens of Kano Model**
Sheng-Hung Lee
In: *Asia Designer Communication Platform (ADP)—Education Column* [article | pdf | website pdf]

2019 | **A Brief Discussion on Object-Process Methodology (OPM) and Design Thinking Approach**
Sheng-Hung Lee
In: *Asia Designer Communication Platform (ADP)—Education Column* [article | pdf | website pdf]

2019 | **Inspiration from My Three-month Stay for the Designer in Residence Program in Germany — Part 1**
Sheng-Hung Lee
In: *Asia Designer Communication Platform (ADP)—Education Column* [article | pdf | website pdf]

2019 | **Inspiration from My Three-month Stay for the Designer in Residence Program in Germany — Part 2**
Sheng-Hung Lee
In: *Asia Designer Communication Platform (ADP)—Education Column* [article | pdf | website pdf]

2019 | **Inspiration from My Three-month Stay for the Designer in Residence Program in Germany — Part 3**
Sheng-Hung Lee
In: *Asia Designer Communication Platform (ADP)—Education Column* [article | pdf | website pdf]

2019 | **Inspiration from My Three-month Stay for the Designer in Residence Program in Germany — Part 4**
Sheng-Hung Lee
In: *Asia Designer Communication Platform (ADP)—Education Column* [article | pdf | website pdf]

2018 | **Design and Design Literacy in Everyday Life**
Sheng-Hung Lee
In: *Asia Designer Communication Platform (ADP)—Education Column* [article | pdf | website pdf]

2018 | **A Preliminary Discussion on What Makes a Good Design Consultant?**
Sheng-Hung Lee
In: *Asia Designer Communication Platform (ADP)—Education Column* [article | pdf | website pdf]

2018 | **Through Designers' Eyes — Design Inspirations from Daily Life**
Sheng-Hung Lee
In: *Asia Designer Communication Platform (ADP)—Education Column* [article | pdf | website pdf]

2018 | **Inspired by Collaborative Creativity**
Sheng-Hung Lee
In: *Industrial Designers Society of America (IDSA)—Sketch Book* [pdf]

2016 | **TetraPOT ─ A Greener Sea Barrier**
Sheng-Hung Lee and Wan Kee Lee
In: *<INNOVATION> Fall 2016—Yearbook of Design Excellence by Industrial Designers Society of America (IDSA)*
[pdf]

2016 | **Tetrapot Greener Sea Defense Creates Symbiosis Between Artificial and Natural Sea Defense**
Sheng-Hung Lee
In: *Tuvie ─ Modern Industrial Design and Future Technology: Designs and Concepts (Green)* [article]

2012 | **Nursing Kit ─ First Aid with Flare**
Sheng-Hung Lee and Yu-Lin Chen
In: *<INNOVATION> Fall 2012—Yearbook of Design Excellence by Industrial Designers Society of America (IDSA)*
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Chinese Design
Journals

2024 | **The Impact of AI on Design Industry, Research, and Education**
AI 对于设计实务、研究与教育的冲击
Sheng-Hung Lee
In: *<DESIGN> 2024 Issue 2* [journal | pdf]

2023 | **Design for Longevity: Service Design, Experience, and Innovation**
乐龄设计：服务设计、体验与创新 ──一场与未来自己的对话
Sheng-Hung Lee
In: *<DESIGN> 2023 Issue 24* [journal | pdf]

2022 | **Design Education and Cultivation of All-round Creative Talents**
设计教育与全方位创意人才养成
Sheng-Hung Lee and Tony Hu

In: *<DESIGN>* *2022 Issue 24* [journal | pdf]

2022 **Design Education is Embodied in the Studio Culture of Diversity, Inclusiveness, and Community Integration**
设计教育体现于多元性、包容性与社群结合的工作室文化
Sheng-Hung Lee and Sofie Hodara
In: *<DESIGN>* *2022 Issue 24* [journal | pdf]

2022 **Service Innovation Design of Lab Space: Space Service Experiment in MIT Laboratory**
实验室空间的服务创新设计：打造 MIT 实验室的空间服务体验
Sheng-Hung Lee
In: *<DESIGN>* *2022 Issue 18* [journal | pdf]

2022 **Vision and Reflection of Design Education: MIT Morningside Academy for Design**
跨领域整合设计的反思与未来展望：麻省理工学院成立设计学院
Sheng-Hung Lee
In: *<DESIGN>* *2022 Issue 24* [journal | pdf]

2021 **Understanding and Sharing of Designing Design Education**
对设计" 设计教育"的理解和分享
Sheng-Hung Lee
In: *<DESIGN>* *2021 Issue 24* [journal | pdf]

2021 **Reshaping the Online Learning Experience: MIT Co-creation Workshop**
重塑線上學習體驗：麻省理工"共：創"工作坊
Sheng-Hung Lee and Ziyuan Zhu
In: *<DESIGN>* *2020 Issue 14* [journal | pdf]

2020 **Preliminary Discussion on Design Process of Online Workshop "MAKE TO: GATHER"**
初步探討線上"共：創"工作坊設計過程
Sheng-Hung Lee and Ziyuan Zhu
In: *<DESIGN>* *2020 Issue 22* [journal | pdf]

2020 **Preliminary Discussion on the Change of Design Platform Under System Thinking**
系統思維下初步探討設計平臺的轉變
Sheng-Hung Lee
In: *<DESIGN>* *2020 Issue 14* [journal | pdf]

2019 **Design Consciousness: Small Things with Big Heart**
德國駐地設計師項目之我見
Sheng-Hung Lee
In: *<DESIGN>* *2019 Issue 12* [journal | pdf]

2019 **The Relationship Between Design Literacy and Design in Life**
生活中的設計素養與設計的關系
Sheng-Hung Lee
In: *<DESIGN>* *2019 Issue 4* [journal | pdf]

2018 **Preliminary Discussion on What Makes a Good Design Consultant**
初探如何成為一個好的設計顧問
Sheng-Hung Lee
In: *<DESIGN>* *2018 Issue 22* [journal | pdf]

2018 **The World in Designers' Eyes ─ Design Inspirations from Daily Life**
設計師的眼─日常生活中的設計啟發
Sheng-Hung Lee
In: *<DESIGN>* *2018 Issue 18* [journal | pdf]

2018 **The Future Learning Experience of Public Area ─ Redesign Shanghai Library Innovation Space**
重新設計公共空間中的未來學習體驗─以上海圖書館創‧新空間為例
Sheng-Hung Lee
In: *<Industrial Design>* *2018 Issue 5* [journal | pdf]

2018 **Brief Discussion on the Essence of Design ─ Reflections on 2018 International Design Excellence Awards Jury**
淺談設計本質 ─ 擔任 2018 美國國際杰出設計獎（IDEA）評委的反思
Sheng-Hung Lee
In: *<DESIGN>* *2018 Issue 14* [journal | pdf]

2018 **Learnings and Reflections from Globe Grad Show**
一場世界級的設計饗宴─迪拜設計師周
Sheng-Hung Lee

In: *<DESIGN> 2018 Issue 4* [journal | pdf]

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<tr><td>2017</td><td>

The Inspiration of Design Competitions
設計比賽帶給我的啟發
Sheng-Hung Lee
In: *<DESIGN> 2017 Issue 20* [journal | pdf]

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Everyone is a Designer
人人都是設計師
Sheng-Hung Lee
In: *<DESIGN> 2017 Issue 16* [journal | pdf]

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Refereed Chinese Articles in Edited Books and Chapters		

2020 | **IDEO Design Thinking Method Card: Steelcase Outdoor Furniture Innovative Design Course**
IDEO 的設計方法卡牌：世楷貿易（上海）有限公司戶外家具創新設計課程實踐
Sheng-Hung Lee
In: *<Design Methodology and Teaching Application> by Donghua University Press Co., LTD (Chapter: 7)* [pdf]

2020 | **Reshape the Future Learning Experience Space from the Perspective of Value Proposition: Take Shanghai Library Innovation Space Design as an Example**
從價值主張出發重塑未來學習體驗空間：以上海圖書館創 • 新空間設計為例
Sheng-Hung Lee
In: *<Design Methodology and Teaching Application> by Donghua University Press Co., LTD (Chapter: 8)* [pdf]

2019 | **Design Thinking Driven Public Service Innovation: Humanity-centered Public Space Service Design**
設計思維驅動公共服務創新：以「仁」為本的公共空間服務設計
Sheng-Hung Lee
In: *<Construct a New Framework for UX - Personality, Intelligence, Platform> by Tsinghua University Press (page 125 to page 131)* [pdf]

2019 | **Explore Design Innovation in Daily Life**
探尋生活中的設計素養
Sheng-Hung Lee
In: *Design360°* [article | pdf]

2019 | **Observation and Reflection about Overdesign in Daily Life**
STOP! 設計過度了！
Sheng-Hung Lee
In: *Design360°* [article | pdf]

MOT TIMES Column		

2022 | **Enabling Lab Space as Service Designs for Co-creation — Use MIT AgeLab as an Example**
【李盛弘專欄─我在 MIT 上設計課】歷時三年 MIT AgeLab 實驗室空間大改造！三個關鍵元素放大共創可能
Sheng-Hung Lee
In: *MOT TIMES, October 16, 2022* [article | pdf]

2021 | **Envision, Design, and Build Safe and Sustainable Labs at MIT: Celebrate Users' Stories Inspired and Driven by Data and Scientific Approaches**
【李盛弘專欄─我在 MIT 上設計課】打造未來 MIT 安全永續實驗室！讓數據不只是數字，用科學的方式說使用者故事
Sheng-Hung Lee
In: *MOT TIMES, August 25, 2021* [article | pdf]

2021 | **A Preliminary Discussion about Open Restaurants and Open Streets Program in New York City: How Does the Policy Shape City Landscape, Build Environment, and Influence Our Interactions?**
【李盛弘專欄─我在 MIT 上設計課】紐約出現共享街道！半開放式小屋如何透過設計成為城市永存的風景
Sheng-Hung Lee
In: *MOT TIMES, March 22, 2021* [article | pdf]

2020 | **After Covid-19 ─ The Street Observation and Innovation in the Lens of Experience Design**
【李盛弘專欄─我在 MIT 上設計課】街道上的「體驗設計」觀察─創新讓餐飲業找到疫情下的生存之道，9 個小巧思突破經營僵局
Sheng-Hung Lee
In: *MOT TIMES, August 12, 2020* [article | pdf]

2020 | **After Covid-19 ─ The Transformation of Design Platform and Its Future**
【李盛弘專欄─我在 MIT 上設計課】「疫」外收穫─從 4 大設計組織平台洞見世界潮流的趨勢轉變與機會
Sheng-Hung Lee
In: *MOT TIMES, May 25, 2020* [article | pdf]

2020 | **A Discussion on Experience Design Project: MIT Campus Tour Service Project as a Case Study**

【李盛弘專欄─我在 MIT 上設計課】MIT 校園導覽服務如何拿下 2020 A' Design Award？看體驗設計的四大法則
Sheng-Hung Lee
In: *MOT TIMES, March 11, 2020* [article | pdf]

2019 **What Can Designers Contribute in Lab? A Preliminary Discussion in Lab Innovation Through Four Actions by Designers**
【李盛弘專欄─我在 MIT 上設計課】設計師在實驗室能做些什麼？4 個行動，初探學術實驗室內的創新
Sheng-Hung Lee
In: *MOT TIMES, December 11, 2019* [article | pdf]

Invited Talks and Lectures	2024	**AI, Artistry, and Authorship: A Technological-Cultural Tapestry** Guest Panelist invited by Brown University China Summit 2024: Forward Focus In: *Brown University China Summit 2024: Forward Focus, March 16, 2024* [website]
	2023	**My Purpose-Driven Creative Journey at MIT** Chinese Podcast Speaker interviewed by Allen Chang, Co-Founder of A+2 Video Production In: *A! What's Up, December 30, 2023* [YouTube | Spotify | Apple | SoundOn]
	2023	**Design for Longevity and AgeTech** Guest Speaker invited by Professor Wynnie Chang, Department of Industrial Design In: *National Cheng Kung University Department of Industrial Design, November 13, 2023*
	2023	**Service Design in Greater Health Industry** Guest Panelist invited by Taipei Entrepreneurs Hub (TEH) In: *Global Health Tech Connects Taipei, November 10, 2023* [EN article | CN article | pdf]
	2023	**Design for Longevity: Services, Science, and Systems** Guest Speaker invited by Emily Chmielewski, Design Research Director & Senior Associate at PERKINS EASTMAN In: *The Environmental Design Research Association (EDRA), November 1, 2023* [website]
	2023	**Empowering people through service design** Keynote Speaker interviewed by Sebastian Gier In: *Design Drive EP79, October 19, 2023* [website | Spotify | Apple | pdf]
	2023	**Is It Design for Longevity (D4L) or Sustainability?** Keynote Speaker interviewed by Herman Mao and Amie Chou In: *AT WISTARIA EPISODE 09, September 9, 2023* [Spotify | Apple | Google]
	2023	**Design for Longevity (D4L): Service Innovation through System Thinking** Keynote Speaker of Design4Drupal, Boston In: *Salem State University, July 20, 2023* [website | pdf]
	2023	**Building an AgeTech City** Keynote Speaker of Building an AgeTech City: Service, Community, and Technology Symposium In: *Taipei City Government*
	2023	**Design for Longevity: AgeTech and Services** Keynote Speaker In: *Taipei Entrepreneurs Hub*
	2023	**Design for Longevity: People, Product, Platform** Keynote Speaker of Ideathon Taiwan—WeWe Futures: 2040 Diversity & Inclusion In: *Taiwan Design Research Institute (TDRI)*
	2023	**Service Design in Action: Transformation, Consideration, and System Thinking** Guest Lecture of the graduate course (70 602: Service Design Futures) In: *The Oslo School of Architecture and Design (AHO)*
	2023	**The Future of Service Prototyping** Keynote Speaker of Webinar: The Future of Service Prototyping In: *Cumulus Association, Service Design Group* [website | pdf]
	2023	**Translate from User Journey Map to Design Prototyping Action** Guest Lecture of the graduate course (ENP 220: Graduate Capstone) In: *Tufts University, Human Factors Engineering*
	2023	**Longevity Planning Block (LPB) Design for Inclusive Financial Planning Services** Keynote Speaker of MIT Preparing for Longevity Advisory Network (PLAN) 2023 Forum In: *Massachusetts Institute of Technology (MIT), Media Lab* [website]
	2023	**Applying Human-Centered System Design to the Development of a Service Innovation** Keynote Speaker of Aging Experience Workshop

In: *Tsinghua University, The Future Laboratory*

2023 **My "D" Journey**
Keynote Speaker of RISD Journey to Design
In: *Rhode Island School of Design, Industrial Design Building*

2023 **How do prototype user experience through the design process?**
Keynote Speaker of The Power of Creativity Conference
In: *Tec de Monterrey, Sonora Norte Campus*

2022 **Reshape Safe, Sustainable Labs and Makerspaces on Campus: An Experimental Study on Material Flow through Human-centered System Design**
Keynote Speaker of Single-Use Plastic Circularity Summit
In: *Massachusetts Institute of Technology (MIT) Samberg Conference Center* [website | video]

2022 **A Look into Design Leadership in MIT Laboratories**
Keynote Speaker
In: *World Design Organization (WDO), Virtual* [website | video]

2022 **Harvard xDesign: Power in Teams**
Moderator
In: *Harvard xDesign Conference, USA* [website]

2021 **Human-Centered System Design From Methodology to Implementation—Footwear for the Aging Population**
Keynote Speaker
In: *International Experience Design Conference (IxDC), China* [website]

2021 **Harvard xDesign: Constructing Reality**
Moderator
In: *Harvard xDesign Conference, USA* [website]

2021 **Make ToGather: Interaction Design Webinar + Workshop**
Lecturer with Ziyuan Zhu
In: *Massachusetts Institute of Technology (MIT)—Independent Activities Period (IAP), USA* [website]

2021 **Creative Problem-Solving: NEET (New Engineering Education Transformation) Way of Thinking**
Lecturer with Dr. Rea Lavi
In: *Massachusetts Institute of Technology (MIT)—Independent Activities Period (IAP), USA* [website]

2021 **Humanity-centered System Design**
Lecturer and Mentor
In: *Power Station of Art (PSA)—Blue Cables in Venetian Watercourse, P.O.C. (China)*

2020 **Connecting the People**
Keynote Speaker
In: *Rhode Island School of Design (RISD) Make-A-Thon: Connecting the Dots, USA*

2020 **Design Career Discussion: Presenting Yourself in a Virtual Environment**
Mentor and Panel Discussion
In: *Pratt Institute—Pratt Virtual Career Day, USA*

2020 **Prototype User Experience Through Product Design Approach**
Keynote Speaker
In: *Taipei Product Developers Conference(TPDC), Taiwan* [website | pdf]

2020 **Translate Daily Innovation and Observation into Meaningful Designs**
Keynote Speaker
In: *SHiFT Design, USA* [website | pdf]

2020 **Rapid Prototype the User Experience from Ideas to Implementation**
Keynote Speaker and Workshop Facilitator
In: *ING Creative, United Arab Emirates*

2020 **Experience Design**
Keynote Speaker interviewed by Craig Mackiewicz
In: *Exploded View Podcast, USA* [website | pdf]

2020 **After Covid-19 — The Transformation of Design Platform and Its Future**
Keynote Speaker
In: *Tsinghua University—TrendTouch, P.O.C. (China)*

2018 **Design Thinking Drives Public Service Innovations — Redesign Shanghai Library Innovation Space**
Keynote Speaker
In: *International eXperience Design Committee (IXDC), P.O.C. (China)* [website]

	2018	**Reimagine User's Future Learning Experience in Public Library** Keynote Speaker In: *2018 MIX Innovation Conference, Taipei City, Taiwan* [website | pdf]
	2018	**Universal Design and Its Application in Life** Keynote Speaker In: *5th International Conference of Bandung Creative Movement (BCM), Telkom University, Indonesia*
	2017	**Rethinking Design: Moving Your Eyes from Your Head to Your Heart** Speaker In: *TEDxFuxingPark, P.O.C. (China)* [website]
	2017	**A Story Behind the Bar** Speaker In: *IDEO Under the Influence, P.O.C. (China)* [website]
	2017	**Introduction and Inspiration from CMF of Product Design** Lecturer and Workshop Facilitator In: *Tsinghua University—Academy of Arts & Design, P.O.C. (China)*
	2017	**International Artificial Intelligence and Industrial Design Trend** Speaker and Panel Discussion In: *China (Wuxi) International Design Expo, P.O.C. (China)*

Design Exhibitions	2023	Venice Innovation Design (VID) ─ Project: Design for Longevity: Sustainable Life-Centered Services
	2021	MIT Wiesner Gallery ─ Project: DESIGN: INCLUSIVE
	2020	Dubai Design Week Global Grad Show ─ Project: Tube 7 ─ Modular Lamp Design
	2020	Dubai Design Week Global Grad Show ─ Project: Fresh Tracker ─ A System for Smart Food Stocking
	2019	Cooper Hewitt Design Triennial ─ Project: TetraPOT 2.0
	2019	Cube Design Museum ─ Project: TetraPOT 2.0
	2018	Venice Design Week ─ Project: Shanghai Library Innovation Space
	2018	Shanghai Library ─ Project: Redesign Public Space
	2017	Dubai Design Week Global Grad Show ─ Project: TetraPOT
	2017	Shanghai Maker Carnival Exhibition ─ Project: Daily Innovation

Honors and Design Awards	2022	IxDC International Experience Design Award ─ Top 10 Design Stars
	2021	International Design Awards, Gold ─ Design For Society & Design for Public Awareness
	2021	International Design Awards, Silver ─ Education & Teaching Aids
	2021	Spark Award, Bronze ─ Product, industrial, and Service, Student
	2020	Core77 Design Award, Student Winner ─ Personal Accessory Award
	2020	International Design Awards, Bronze ─ Design for Society & Design for Public Awareness
	2020	DNA Paris Design Award, Winner ─ Experimental Design
	2020	DNA Paris Design Award, Honorable Mention ─ Landscape Design
	2020	Spark Award, Sliver ─ Concept, Professional
	2020	Spark Award, Finalist ─ Concept, Professional
	2020	Novum Design Award, Gold ─ Service Design
	2020	Novum Design Award, Gold ─ Design for Social Impact
	2020	IDEA, Finalist ─ Student Designs
	2020	IDEA, Finalist ─ Student Designs
	2018	European Product Design Award, Gold ─ Design for Sustainability
	2018	Spark Award, Gold ─ Experience
	2018	IDEA, Finalist ─ Service Design
	2018	A' Design Award & Competition, Iron ─ Governance and Public Service Design
	2018	International Design Awards, Honorable Mention ─ Institutional, Conceptual
	2017	iF, Gold ─ Discipline Professional Concept
	2017	Outstanding Adjunct Professor Award, Shanghai Institute of Visual Arts, Fudan University
	2017	European Product Design Award, Gold ─ Design for Sustainability
	2016	IDEA, Gold ─ Environments
	2016	red dot Design Award, Winner ─ Habitat
	2016	James Dyson Award, National Winner (Taiwan) & International Top 20 Winner
	2016	Spark Award, Winner ─ Concept, Professional
	2016	A' Design Award & Competition, Silver ─ Sustainable Products, Projects and Green Design
	2016	A' Design Award & Competition, Bronze ─ Disposable and Single-Use Product Design
	2016	International Design Awards, Gold ─ Design for Society, Sustainable Products
	2016	International Design Awards, Bronze ─ Home Interior Products, Kitchen Accessories/Tabletop
	2016	International Design Awards, Bronze ─ Home Interior Products, Bathroom Fittings/Appliances

	2016	International Design Awards, Honorable Mention ─ Safety Design
	2016	Sichuan-Taiwan Industrial Design Awards, Silver ─ Environments
	2015	IDEA, Finalist ─ Student Designs
	2015	Spark Award, Student Designs ─ Concept
	2013	Spark Award, Student Designs ─ Concept
	2013	Core77 Design Award, Student Notable ─ Interaction
	2013	IDEA, Finalist ─ Student Designs
	2012	IDEA, Gold ─ Student Designs
	2012	Braun Prize, Special Mention ─ Student Designs
	2012	Fujitsu Semiconductor MCU Electronic Design Competition, Gold
	2012	Fujitsu Semiconductor MCU Electronic Design Competition, Excellent Prize
	2012	Fujitsu Semiconductor MCU Electronic Design Competition, Best Creative Award
	2012	Core77 Design Award, Student Runner-up ─ Consumer Products
	2012	Core77 Design Award, Student Notable ─ Equipment
	2012	red dot Award: winner ─ Design Concept
	2011	red dot Award, Best of the Best ─ Design Concept
	2011	National Science Council, College Student Research Award
	2011	Taipei Industrial Design Award, Honorable Mentions Award ─ Design Concept
	2011	Essay Excellent Work: Chinese Institute of Engineers
	2010	College Student Research Award: National Science Council
	2010	iF Award-winning Entries of the lebens(t)raeume Competition
	2010	29th International Young Designers' Exhibition, Gold Award
	2010	Tainan County Xiao Ridge, Young Designer Award
	2009	Academy of Arts & Design, Tsinghua Univ. & Department of ID, NCKU, Gold Award
	2009	NCKU International Workshop, Silver Award
	2009	NCKU Outstanding Student Award for Academic
	2008	NCKU Outstanding Student Award for Academic
	2007	NCKU Outstanding Student Award for Academic
	2007	NCKU Distinguished Achievement Award in Calculus

Scholarships	2021	The Council for the Arts at MIT (CAMIT) Funding ─ Project: MAKE TO:GATHER
	2021	MIT Sandbox Innovation Funding
	2020	MIT Sandbox Innovation Funding
	2019	MIT De Florez Fund for Humor
	2019	IDSA Gianninoto Graduate Scholarship Winner
	2019	EMMA Creative Center Pforzheim, Designers in Residence Scholarship ─ Project: Small Things with Big Heart
	2011	China Technical Consultants, Inc. (CTCI) Science and Technology Creativity Scholarship
	2010	China Technical Consultants, Inc. (CTCI) Science and Technology Creativity Scholarship
	2013	NCKU Capstone Program ─ Project: Innovation Research of QR Code Application with MCU
	2013	NCKU Capstone Program ─ Project: Real-time Image Processing and Data Transmission Research of OK6410 ARM 11
	2012	Dr. Liao Zong Lin Professor Emeritus of NCKU Department of Electrical Engineering
	2009	Dr. Tian Shou Wu Professor Emeritus of NCKU Department of Electrical Engineering
	2009	Dr. Wei-Noon Wang Scholarship Foundation
	2008	Dr. Yun-Ping Lo Memorial Scholarship Foundation

Professional Membership	2021	Service Design Network (SDN) ─ Member
	2021	The Design Society ─ Member
	2020	Design Management Institute (DMI) ─ Member
	2018	World Design Organization (WDO) ─ Professional Member
	2018	Asia Designer Communication Platform (ADP) ─ Purple Member
	2017	Chinese Industrial Designers Association (CIDA) ─ Professional Member
	2012	Industrial Designers Society of America Society (IDSA) ─ International Young Professional Member
	2012	Phi Tau Phi Scholastic Honor Society ─ Honorary Member
	2010	Phi Tau Phi Scholastic Honor Society ─ Honorary Member
	2010	Chinese Institute of Electrical Engineering ─ Member
	2010	Taiwan Science, Technology & Society Association ─ Member

Patents	2013	Media Storage Device for Storing Images with Audio Effects (101209072, Taiwan)
	2012	Curved Scissors (101210425, Taiwan)
	2010	Tape Dispenser (99206579, Taiwan)
	2010	Tweezers Clip (99208296, Taiwan)

Selected Media Coverage	2023	**Sheng-Hung Lee Designing Tomorrow's Society** Project: Sheng-Hung Lee's Design Portfolios In: *Homa Design Magazine #3, October, 2023* [article	pdf	website pdf]
	2023	**Sheng-Hung Lee Presents Longevity Planning Blocks for FPA 2023 Annual Conference** Project: Longevity Planning Block Design for Inclusive Financial Planning Services In: *MIT AgeLab* [article	pdf]
	2023	**Sheng-Hung Lee Presents on Design for Longevity at Venice Innovation Design Conference** Project: Design for Longevity (D4L): Sustainable Life-Centered Services In: *MIT AgeLab* [article	pdf]
	2023	**Venice and urban regeneration: the ideas of Mario Cucinella and Sheng-Hung Lee (MIT)** Project: Design for Longevity (D4L): Sustainable Life-Centered Services In: *La Repubblica* [article	pdf]
	2023	**VID 2023: forward-thinking projects and talks on innovation and sustainability** Project: Design for Longevity (D4L): Sustainable Life-Centered Services In: *DesignWanted ─ Design Events* [article	pdf]
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	2015	**Toilet Paper with a Twist** Project: Toilet Paper Roll Redesign was reported by Tory Turner In: *Yanko Design* [article	pdf]
	2014	**Designing Here/Now: A global selection of objects, concepts and spaces for the future** Project: Nursing Kit and Project: FANs Cam were covered in the book In: *Thames & Hudson* [book	pdf]
	2012	**A First Aid Kit That Is Easy to Reach, Hard to Forget** Project: Nursing Kit was reported by IDSA In: *Industrial Designers Society of America (IDSA)* [pdf]
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	2012	**red dot design concept yearbook 2012/2013** Project: FANs Cam was covered in the book edited by Ken Koo In: *red dot edition*
	2012	**Taipei Design Code** Project: Nursing Kit was covered in the book In: *Department of Information & Tourism, Taipei Municipal Government* [book	pdf]
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Project: Nursing Kit was covered in the book
In: *Ministry of Economic Affairs, Taiwan*

Chinese Interviews and Articles

2019 | **Observe the World through Your Senses and Born with Design ─ Sheng-Hung Lee**
感官全開的活著，呼吸即設計 ─ 李盛弘
Interviewed and Written by Fun Design
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2018 | **Sheng-Hung Lee, the Only International Design Excellence Awards (IDEA) Jury from Asia: As a Designer, What You Need to Care is Beyond What You See**
美國國際設計傑出獎（IDEA）唯一亞洲評審李盛弘：作為設計師，你心裡關心的東西，要遠超過眼睛看到的
Interviewed and Written by Brian Deng
In: *Vide* [article | pdf]

2017 | **Sheng-Hung Lee: Social Impact through Design**
李盛弘：影‧响‧力
Interviewed and Written by Narkii.com
In: *Narkii.com* [article | pdf]

2016 | **TetraPOT: Sea Defense to Save Ecology**
海上防禦　拯救生態
Interviewed and Written by Chen Yongen
In: *One Media Group* [article | pdf]

2016 | **【1/4 Life Winner】IDEO Designer Sheng-Hung Lee's Seven-Year Learning Journey in College**
【1/4 人生贏家】這位 IDEO 設計師是一位本科讀了七年的真學霸
Interviewed and Written by Lin Ziren
In: *Jiemian* [article | pdf]

2013 | **Modern Da Vinci, Bridge the World through Design**
現代達文西，與世界對話
Interviewed and Written by Wu Simin

In: *Commonwealth Publishing Co., Ltd* [article | pdf]

2010	**Design 100 COOL II**
	酷設計 100 Ⅱ
	Project: Nursing Kit was covered in the book
	In: *Cheers* [book	pdf]

Additional Training	2021	**Structural Materials: Selection and Economics**
		edX Credential ID: 0dee7706d95f4e568753b3ef6fc6551c
	2020	**MBSE101: Model-Based Systems Engineering with OPM: Foundations**
		edX Credential ID: 6d25ba2eebe34ef9847755532436cc5f
	2020	**MBSE102: Model-based Systems Engineering: Advanced Approaches with OPM**
		edX Credential ID: 8934256554ba41f9b3674950409093d0
	2019	**Creative Writing: The Craft of Setting and Description**
		Coursera Credential ID: 5NC74JEFCGDE
	2019	**Creative Writing: The Craft of Style**
		Coursera Credential ID: JSYAWR69VZLA
	2019	**Creative Writing: The Craft of Character**
		Coursera Credential ID: TJTC2HDLQKB9
	2019	**Creative Writing: The Craft of Plot**
		Coursera Credential ID: BVZG76TPX5N4
	2015	**Entrepreneurship: Launching an Innovative Business Specialization**
		Coursera Credential ID: DRWBGJKJ3RKH
	2015	**Innovation for Entrepreneurs: From Idea to Marketplace**
		Coursera Credential ID: F8KGF8AZ5H
	2015	**New Venture Finance: Startup Funding for Entrepreneurs**
		Coursera Credential ID: RYGLRBPM5R
	2014	**An Introduction to Consumer Neuroscience & Neuromarketing**
		Coursera Credential ID: ACC5GFS8HX
	2014	**An Introduction to Marketing**
		Coursera Credential ID: 66CAY2J6TG
	2014	**Developing Innovative Ideas for New Companies: The First Step in Entrepreneurship**
		Coursera Credential ID: 3KEKEKMNXF
	2014	**Internet History, Technology, and Security**
		Coursera Credential ID: DJCXZX6VVY
	2013	**Creative, Serious and Playful Science of Android Apps**
		Coursera Credential ID: KAH9G8WGCF