



## **Takayuki Higuchi**

Professor, PhD

Design Research Institute, Chiba University

Japan

### Summary:

**Takayuki Higuchi** is a full professor at the Design Research Institute, Chiba University in Japan. He also holds a concurrent position as a professor at the Graduate School of Science and Engineering, Chiba University, where he is actively involved in both design education and research. He has been with Chiba University since 2004. He leads the Contextual Design Research Unit within the Design Research Institute. His research interests include Design Knowledge, Design History, and Design Culture, with a focus on socially engaged design and regional development. He has served as the Head of the Design Program at the graduate school and the Chairperson of the Internationalization Promotion Committee at the Graduate School.

Since Chiba University joined Cumulus in 2009, Takayuki Higuchi has served as the university's representative. He coordinated the Cumulus Board Meeting held in Japan in 2016 and facilitated the partnership agreement between Cumulus and the Japan Institute of Design Promotion (JDP), which organizes the annual Good Design Awards (G-mark). Furthermore, he organized the Cumulus Regional Meeting in Japan in 2023.

Takayuki Higuchi is the Director of the CODE Program at Chiba University, an Inter-University Exchange Project funded by MEXT, to promote exchange activities in the design field. While Chiba University had many exchanges with Asian universities, since the start of the CODE Program in 2012, he has developed intensive design education with universities in Europe and the US. He has conducted over 40 collaborative workshop programs with institutions such as Aalto University, Glasgow School of Art, KISD, Politecnico di Milano, ENSCI Les Ateliers, IADE, ISIA-Roma, and Parsons New School. In recent years, he has

expanded partner universities in other countries to promote various student exchanges. He coordinated the hosting of the Seventh International Conference on Design Principles and Practices in 2013 at Chiba University.

Takayuki Higuchi is a professional designer in interior architecture and has worked as a design professional at Shimizu Architecture and Engineers and Field Four Design Office. He served as a member of the board of directors at the Japan Interior Planners Association Tokyo. He served as a jury member for the G-mark and currently serves as a jury member for the Japan Tsubame Industrial Contest. He conducted guest studies at the Royal Danish Academy of Fine Arts - School of Architecture (KARCH) from 1997 to 1998 and was a visiting researcher at the Helsinki University of Art and Design (TaiK) in 2006 and 2008, at Leeds Metropolitan University in 2008, and at Parsons New School in 2009.

Takayuki Higuchi has introduced a new minor program, the Theory and Practice classes of Collective Design, in collaboration with other disciplines such as Architecture, Imaging Science, Preventive Medicine, and Landscape. This approach aims to create change through collaboration, surpassing the limits of individual efforts, and providing a platform for interaction where relationships are reconfigured as constituent elements, including stakeholders (actors in ANT), and shift over time, rather than maintaining a system where relationships remain constant. He also collaborates with regional organizations and enterprises and plans to develop collective design works with disciplines of Engineering and Informatics to address themes related to engineering and science knowledge.

### Degrees and Qualifications:

- 2004: PhD, Diversity and Fractal Science Division, Graduate School of Science and Technology, Chiba University, Japan
- 1994: Certified professional license of Interior Planner, Japan
- 1988: M.Eng, in Industrial Design, Graduate School of Engineering, Chiba University, Japan
- 1986: B.Eng, in Industrial Design, Faculty of Engineering, Chiba University, Japan

### Research Activities and Publications (Selected):

Exploring the Formation and Activities of Design Organizations in Japan in the Late 20th Century through Oral History, KAKENHI(Grants-in-Aid for Scientific Research, Japan), 2020-2023,

Establishing a Methodology for Investigating Postwar Japanese Industrial Design Culture Based on Oral History Records, KAKENHI, 2016-2019,

Research on Service Design Methods in Multi-Stakeholder Projects, Collaborative Research, Funded by Toshiba, 2016

Service Design Education Research through International Collaborative Projects, Collaborative Research, Funded by Sony, 2015

Design Research on Devices and Operational Environments Utilizing IoT and Wearable Computing, Collaborative Research, Funded by Fujitsu, 2014

Physical Activity Levels and Promotion Strategies in Pole Walking for the Elderly, Collaborative Research, Funded by Terumo, 2012

Terminology Representing Design Thinking: Its Formation Process and New Developments, KAKENHI, 2010-2012

The Relationship Between Cultural Elements, Design Elements, And Aesthetic Experiences in Cultural Chinese Liquor Packages, ang Jirong, Takayuki Higuchi, Journal of the Science of Design, vol.3 No.1, 1-10(2019)

How Does Culture Contribute to Liquor Packages: Analysis of the Characteristics of Cultural Beauty in Chinese Liquor Packages, Yang Jirong, Takayuki Higuchi, Journal of the Science of Design, vol.1 No.2, 51-60(2017)

The Benefits of Prototyping Early in Design Workshop, Giovanni Innella, A.Paul Rodgers, Takayuki Higuchi, Muxel Andreas, Algirdus Paskevicius, *Dezaingaku-Kenkyu* (Journal of the Science of Design), vol.63 No.4, 21-28(2016)

明治 20 年代の意匠奨励の言説にみられる「意匠」概念：樋口孝之，デザイン学研究，第 62 巻第 6 号，69-78 (2016)

Accessibility and Utilization of Dhaka's Urban Parks, Mohammad Masum Iqbal, Takayuki Higuchi, Akira Ueda, Kiyoshi Miyazaki, *Dezaingaku-Kenkyu*, vol.56 No.6, 19-28(2010)

Dhaka City's Park Users' Profile, Recreation Habits and Their Satisfaction: Mohammad Masum Iqbal, Takayuki Higuchi, Kiyoshi Miyazaki, *Dezaingaku-Kenkyu*, vol.56 No.1, 101-108(2009)

Old Dhaka's House Form in the 20th Century; A Study on Family Structure, Women's Status and Exterior-Interior Relation: Mohammad Masum Iqbal, Takayuki Higuchi, Kiyoshi Miyazaki, *Dezaingaku-Kenkyu*, vol.55 No.1, 55-64(2008)

#### Awards, Grants and Fellowships (Selected):

2004: Best Paper Award by the Japanese Society for the Science of Design

1998: The prize for Excellent Architecture by the Japan Association of Architectural Firms\*

1997: Fellowship from Japanese Government Oversea Study Programme for Artists

1997: The Lighting Design Award for Architectural Works by the Illuminating\*

1994: The *Syokankyo* Award prizewinning by the Japanese Society of Commercial Space Designers\*

\*awarded as a member of the project group