Yuying Tang yuying.tang@mail.polimi.it

RESEARCH INTERESTS: **Human AI Interaction, Human-computer Interaction, Visualization, Design, Storytelling**

EDUCATION

2024- Doctor of Philosophy	**Hong Kong University of Science and Technology (Hong Kong SAR) - HKPFS** Academy of Interdisciplinary Studies, Individualized Interdisciplinary Program Supervisor: Professor Huamin Qu, Associate Professor Xiaojuan Ma
2021-2024 Master of Fine Arts	**Tsinghua University (CHINA) - Exemption from examination** Academy of Art and Design, Information Design and Visual Communication Design; GPA: 3.78/4 Supervisor: Professor Zhigang Wang Relevant Course: AI Fundamentals for Design Applications(A); Studies of Visual Communication & Cross-media(A)
2022-2023 Master of Science	**Polytechnic University of Milan (ITALY) - CSC Scholarship** School of Design, Communication Design (Double Degree) Supervisor: Dr. Mariana Ciancia Relevant Course: Web interaction design and data visualization(29/30), interactive digital narrative game design(30L/30), research planning(29/30) Final thesis: The role of artificial intelligence tools for generating images in the creation of art and design artifacts
2017-2021 Bachelor of Fine Arts	**Central Academy of Fine Arts (CHINA)** Film and Television Photography and Production (Film and Video Art); Rank: 1/16, 3/326, Top 1% Relevant Course: Introduction to Art (96); Art and Design(95); Design Basics (94);Shooting field(94)

RESEARCH EXPERIENCE

2023 Summer Research Assistant	**Aalto University, School of Electrical Engineering** Department of Information and Communications Engineering Supervisor: Professor Antti Oulasvirta, PhD candidate Lena Hegemann _Project: AI-assisted Conversational Color Design_ Main responsibilities: user interface pilot design, user study, visual communication and information design
2023 Summer Research Assistant	**City University of Hong Kong, HCIX Research** _Project: Speculative Design with Generative AI_ Main responsibilities: user study, workflow design, related work analysis, design implication analysis, paper writing (Will be published in DIS 2024)
2022 - 2023 Research Assistant	**Massachusetts Institute of Technology & Tongji University** (MIT Media Lab) City Science Lab@Shanghai Supervisor: Lecturer Yang Liu, PhD candidate Yan Zhang _Project: SoCity Web3.0 DAO and Green Commute_ Main responsibilities: sustainable branding design, video making, system design, workflow design
2020 - 2022 Core Researcher	**China Association for Science and Technology 2020 Science Popularization Capacity Enhancement Project - Tsinghua University** Supervisor: Professor Zhigang Wang, Dr. Yansong Chen _Project: Exhibition Design of the Thematic Science Popularization Space Based on Scientific Visualization_
2020 Summer Research Assistant	**Zhejiang University, International Design Institute, IDEA Lab** Supervisor: Professor Lingyun Sun _Project: Artificial intelligence automatic editing of videos_

PUBLICATION

1. **Tang, Y.**, Sun, Y., Gao, Z., Pan, Z., Wang, Z., Braud, T., ... & Asadipour, A. (2023). AI Nüshu (Women's scripts)-An Exploration of Language Emergence in Sisterhood. In ACM SIGGRAPH Asia 2023 Art Gallery (pp. 1-2).

2. **Tang, Y.**, Zhang, N., Ciancia, M., Wang, Z. (2024). Exploring the Impact of AI-generated Image Tools on Professional and Non-professional Users in the Art and Design Fields. Has been accepted by CSCW Companion '24.

3. Sun, Y., **Tang, Y. (Co-first author)**, Gao, Z., Pan, Z., Xu, C., Chen, Y., ... & Asadipour, A. (2023). AI Nüshu: An Exploration of Language Emergence in Sisterhood Through the Lens of Computational Linguistics. In SIGGRAPH Asia 2023 Art Papers (pp. 1-7).

4. LC, R., & **Tang, Y.** (2023, November). Speculative Design with Generative AI: Applying Stable Diffusion and ChatGPT to imagining climate change futures. In Proceedings of the 11th International Conference on Digital and Interactive Arts (pp. 1-8).

5. Fu, K., Wu, R.,**Tang, Y.,** Chen, X., Liu, B., LC, R., "Being Eroded, Piece by Piece": Enhancing Engagement and Storytelling in Cultural Heritage Dissemination by Exhibiting GenAI Co-Creation Artifacts, accepted by 2024 ACM Designing Interactive Systems Conference (DIS)

6. Xiang, Y., Fan, Q., Qian, K., Li, J., **Tang, Y.**, & Gao, Z. (2023, July). Decentralized governance for virtual community (DeGov4VC): Optimal policy design of human-plant symbiosis co-creation. In Companion Publication of the 2023 ACM Designing Interactive Systems Conference (DIS) (pp. 207-212).

SKILLS

Information Interaction and Service Design, User Study, Interactive Digital Narrative, Film Production, Graphic Design, Brand Design, Basic Programming, Photography

SCHOLARSHIP

2024 - 2028	**Hong Kong Ph.D. Fellowship Scheme (HKPFS),** Hong Kong
2022 - 2023	**Second-class scholarship,** Tsinghua University
2022 - 2023	**China Scholarship Council CSC,** China
2019 - 2020	**First-class scholarship,** Central Academy of Fine Arts
2018 - 2019	**Second-class scholarship,** Central Academy of Fine Arts
2017 - 2018	**Third-class scholarship,** Central Academy of Fine Arts

EXHIBITION EXPERIENCE

2023	Chinese CHI Art Gallery, Kura Kura Bali, Denpasar, Bali, Indonesia
2023	SIGGRAPH Asia Art Gallery, Sydney, Australia
2023	"Bloom" Tsinghua University Academy of Fine Arts Graduate Creation Exhibition, Beijing, China
2023	Anaya International Theatre Festival, Anaya, Hebei, China
2022	China-Italy Youth Art and Design Exhibition, Rome, Italy
2022	12th Virtual Biennale Prague, Prague, Czech Republic
2018	Beijing International Design Week, Beijing, China
2018-2020	Central Academy of Fine Arts Student Assignment Excellence Exhibition, Beijing, China

HONORS AND AWARDS

"AI Nushu" AI Art Work:
Red Dot Award: Design Concept 2024
13th Lumen Prize finalist 2024

"Hourglass House" Short film:
Live Action Short Film New Talent Competition in the Tallinn Noir International Film Festival 2022
Finalist in Beijing International Film Festival 2022
Most Creative Work Award in MFF Cross-Strait Youth Film Festival 2021
Best Film, Best Art Award in MIFW MAO International Youth Film Week 2022
Best Cinematography Award in The 8th Chongqing Youth Film Festival Short Film Competition 2021

"The Mirror" Short Film :
the First Prize of the Future Designer-National Collegiate Digital Art and Design Competition (NCDA)
the First Prize of the Global American New Concept Design Awards 2023,
the Excellence Award of the 10th DESIGNNOVA International Design Competition 2022

"WARP SPACE" Video:
the Silver Award of the ITCD International Trend Design Competition in China 2022,
the Bronze Award of the 3rd London Chinese Art Exchange Exhibition of CAE 2022,
the Third Prize of China-Italy Youth Art Competition 2022,
the Finalist Award of the 10th DESIGNNOVA International Design Competition2022,
the third prize of excellent works of the Central Academy of Fine Arts 2019.

"KuaiRun Digital Shoes" AI Art Work:
the first prize of the Global American New Concept Design Award 2023,
the first prize of the Hong Kong Digital Art Design Competition 2022,
the Bronze Award of the ITCD International Trendy Design Competition in China 2022,
the Excellence Award of the 10th DESIGNNOVA International Design Competition 2022.

"Generate Art Series" "Shadow Cave" AI Art Work:
the Third Prize of the Global American New Concept Design Awards 2023,
the Third Prize Chinese of the 3rd London Chinese Art Exchange Exhibition of CAE 2022.

Best Student, Central Academy of Fine Arts, 2018-2019, 2019-2020
Excellent Social Work Award, Central Academy of Fine Arts, 2019-2020

TEACHING EXPERIENCE

2022 Summer	**Harvard College AUSCR Summit for Young Leaders**
Lecturer&Seminar Leader	Lecture: Panorama of Film Production Process and Appreciation of Audiovisual Language