

HUA-CHUN FAN

MEDIA ARTS • MUSIC • CREATIVE TECHNOLOGIES

Hua-Chun Fan (Fionn), a multifaceted artist from Taipei, Taiwan, is a media composer, interaction designer, and HCI/HRI researcher. Her interdisciplinary work spans the realms of arts, science, and technology, with a primary focus on loneliness and techno-intimacy, as well as immersive audio, smart textiles, and the integration of proxemics with AI/XR technologies.

CONTACT

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EDUCATION

PHD IN CREATIVE TECHNOLOGIES

University of Galway, Ireland | 2023 - present

- Supervisors: Dr Sam Redfern and Dr Máiréad Ní Chróinín
- Thesis Title: *Sonic Proxemics _ The Hidden Symphony of Intimacy and Play.*

MA, MUSIC FOR APPLIED MEDIA

Danube University Krems

(Universität für Weiterbildung Krems), Austria | 2016 - 2020

- Supervisors: Mag. Thomas Wernbacher, MSc MA and composer Miguel Kertsman
- Thesis Title: *How do the soundtracks enhance immersion in computer games? — A case study of 《NieR: Automata》*

MA, MEDIA ARTS CULTURES

(ERASMUS MUNDUS JOINT MASTER)

Danube University Krems, Austria | 2015 - 2017

University of Lodz (Uniwersytet Łódzki), Poland | 2017

Aalborg University (Aalborg Universitet), Denmark | 2016

- Supervisors: Prof. Dr. Oliver Grau and Prof. Dr. Naoko Tosa
- Thesis Title: *How do digital technologies affect the aesthetics of Japanese calligraphy art and culture*

MBA, MASTER OF BUSINESSES ADMINISTRATION

European University, Taiwan / Switzerland | 2014 - 2015

BA, HUMANITIES AND SOCIAL SCIENCES

National Tsing Hua University, Taiwan | 2005 - 2010

BA, CHINESE LITERATURE AND LINGUISTICS

National Tsing Hua University, Taiwan | 2005 - 2010

HUA-CHUN FAN

PHD IN CREATIVE TECHNOLOGIES - I

RESEARCH INTERESTS

- Intimacy / Loneliness / Sense of belonging
- Immersion with XR (AR/VR/MR) Technologies
- Spatial Audio / Music compositions
- Human-Robot Interaction / Human-Computer Interaction

AFFILIATIONS & MEMBERSHIPS

2024 - 2026 International Communication Association
2024 - 2025 IEEE Communications Society Membership

PUBLICATIONS & PRESENTATIONS

SONIC PROXEMICS: THE HIDDEN SYMPHONY OF INTIMACY AND PLAY

2026 | Paper Presented | The 76th Annual **ICA** Conference. Cape Town, South Africa (Jun. 4 - 8)

SONIC PROXEMICS: THE HIDDEN SYMPHONY OF INTIMACY AND PLAYFUL POLITICS

2026 | Video Exhibition & Interactive Session | **PhD Open Studio: Within Reach**. *Centre for Creative Technologies* at University of Galway, Ireland (Mar. 26 - 28)

THE HIDDEN SYMPHONY: SONIC PROXEMICS WITH AI

2024 | Paper Presented | The 74th Annual **ICA** Conference. Gold Coast, Australia (Jun. 20 - 24)

BEING A MEDIA COMPOSER

2020 | Invited Talk | Online Forum '**Music*Media*Business - Potentials and Challenges**'. *The Center for Applied Music Research* at Danube University Krems, Austria (Jun. 22)

HOW DO DIGITAL TECHNOLOGIES AFFECT THE AESTHETICS OF JAPANESE CALLIGRAPHY ART AND CULTURE

2017 | Poster Presentation | **RE:TRACE** The 7th International Conference for Histories of Media Art, Science and Technology. *Danube University Krems* ▪ *Göttweig Abbey* ▪ *Austrian Academy of Sciences (ÖAW)*, Austria (Nov. 23 - 25)

2015 | Attended | **Re-Create** : Theories, Methods and Practices of Research-Creation in the Histories of Media Art, Science and Technology. *Concordia University* | *Hexagram-UQAM*, Montréal, Canada (Nov. 5 - 8)

HUA-CHUN FAN

PHD IN CREATIVE TECHNOLOGIES - II

ACADEMIC EMPLOYMENT & VOLUNTEERING

VOLUNTEER FOR IAMCR 2026 ANNUAL CONFERENCE

2026 | *IAMCR 2026: Peripheries and Connections: Media, Communication, and Transformation*, Galway, Ireland (Jun. 28 - Jul. 2)

VOLUNTEER FOR THE 76TH ANNUAL ICA CONFERENCE

2026 | *76th Annual ICA Conference: Communication and Inequalities in Context*, Cape Town, South Africa (Jun. 4 - 8)

VOLUNTEER FOR 'BABORÓ INTERNATIONAL ARTS FESTIVAL FOR CHILDREN'

2023 | *Baboró Galway International Children's Festival Limited* (registered charity), Galway, Ireland (Oct. 13 - 22)

ARCHIVE INTERN FOR ARCHIVE OF DIGITAL ART (ADA)

2017 - 2018 | *Center for Image Science* at Danube University Krems, Austria

VOLUNTEER FOR 'SOUND ARTS MATTER' CONFERENCE

2016 | *Aarhus Institute of Advanced Studies (AIAS)* and *Kunsthal Aarhus*, Aarhus, Denmark (Jun. 1 - 4)

CREATIVE GRANTS & DISTINCTIONS

SEOUL INTERNATIONAL COMPUTER MUSIC FESTIVAL

2026 | Official Selection | ***Sonic Proxemics: Play with Closeness***, Audio-Visual Media Art, Korea Electro-Acoustic Music Society (KEAMS), South Korea.

ANNECY MUSIC LAB

2026 | Selected Composer & Funded Participant | **Music Day** — SACEM & 22D Music Group, in partnership with Mifa, Annecy, France.

DOCS IRELAND INTERNATIONAL DOCUMENTARY FESTIVAL

2026 | Selected Composer & Bursary Recipient | **From Pitch to Screen** — Screen Composers Guild of Ireland (SCGI), in partnership with Docs Ireland, Belfast, Northern Ireland.

FINDING A VOICE MUSIC FESTIVAL

2024 | Selected Emerging Female Composer & Mentorship Participant | **Feeding Rainbows**, Contemporary Composition, in partnership with the Contemporary Music Centre, Clonmel & Dublin, Ireland.

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PHD IN CREATIVE TECHNOLOGIES - III

SCHOLARSHIPS & AWARDS

EXTRAORDINARY POSTGRADUATE RESEARCH TRAVEL BURSARIES

2026 | *School of English, Media, and Creative Arts (CASSC)* at University of Galway, Ireland.

EARLY ENROLMENT SCHOLARSHIP

2025 | *Online Graduate Diploma on Film & Game Scoring* at Film Scoring Academy of Europe (FSAE), Bulgaria.

ERASMUS+ BLENDED INTENSIVE PROGRAMME GRANT

2025 | Just Sustainable Cities: Perspective from Post-Socialist Eurasia 2025 | *ENLIGHT* course at Uppsala University, Sweden.

MICHAEL HALEY TRAVEL GRANT

2024 | International Communication Association, United State.

EXTRAORDINARY POSTGRADUATE RESEARCH TRAVEL BURSARIES

2024 | *School of English, Media, and Creative Arts (CASSC)* at University of Galway, Ireland.

GOVERNMENT SCHOLARSHIP TO STUDY ABROAD

2024 - 2026 | Trans-disciplinary Arts (創作展演：跨領域創作) | *The Ministry of Education* (教育部留學獎學金), Taiwan.

SCHOLARSHIP FOR PHD IN CREATIVE TECHNOLOGIES

2023 - 2027 | Full-funded | *Centre for Creative Technologies* at University of Galway, Ireland.

'TUNING IN!_ROUTES TO A CAREER IN THE MUSIC SECTOR' ARTIST PROGRAMME

2019 - 2020 | Chosen as 1 of 10 music talents across Europe | Universität für Musik und darstellende Kunst Wien (The University of Music and Performing Arts Vienna) and *mica-music austria*, Austria.

ERASMUS STUDENT MOBILITY FOR TRAINEESHIPS

2017 - 2018 | Tileyard Education, London, United Kingdom | *Faculty of Education, Arts and Architecture* at Danube University of Krems, Austria.

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PHD IN CREATIVE TECHNOLOGIES - IV

GOLDEN BUTTERFLY AWARD (SHORTLISTED)

2017 - 2018 | Publishing Art in Taiwan (金蝶獎) for "The Best Book Design from all over the World" at Leipzig Book Fair, Germany | Taipei Book Fair Foundation, Taiwan.

BEST CREATIVE PRIZE

2008 | Ethnography and GIS workshop | *Department of Taiwan and Regional Studies* at National Dong Hua University, Taiwan.

BEST TEAMWORK & HONOURABLE MENTION MEMBER

2007 | Challenging the Mainstream: Culture and Action Journalism Camp | Taiwan Media Watch Foundation, Taiwan.

CHAMPION OF 'NATIONAL COLLEGIATE TAX CUP DEBATE COMPETITION'

2006 | China Taxation Research Association (Taipei) | National Central University, Taiwan.

SKILLS & QUALIFICATION

- Chinese (native) | Japanese (advanced) | French (intermediate)
- Logic Pro X | Sibelius | Pro Tools
- Arduino | Python (basic)
- Max/MSP | Touch Designer | DaVinci Resolve
- Wwise | Character Creator 4
- Adobe Creative Cloud (Photoshop, Illustrator, InDesign, Lightroom)

MAX, AI, AND TOWARD THE COSMOS... | MAX SUMMER SCHOOL

「MAXとAI、そして宇宙へ...」 マックス・サマースクール・イン・藝大 2026

2026 | [Advanced course](#) | Tokyo University of the Arts, Japan (Aug.3 - 7)

SOFT ROBOTICS & WEARABLES | FABRICADEMY

2025 | Weekly workshops of SHORT program | *The Makerspace at Crown Prince Foundation (CPF)*, Jordan (Nov.1 - 14)

MAX AND EXTENDED BODY | MAX SUMMER SCHOOL

「MAXと身体拡張」 マックス・サマースクール・イン・藝大 2025

2025 | [Intermediate course](#) | Tokyo University of the Arts, Japan (Aug.2 - 6)

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PHD IN CREATIVE TECHNOLOGIES - V

E-TEXTILE & COMPUTATIONAL COUTURE | FABRICADEMY

2024 | Weekly workshops of SHORT program | *Fab Lab Barcelona at The Institute for Advanced Architecture of Catalonia (IAAC)*, Spain (Oct.12 - 28)

FILM & ARCHITECTURE WORKSHOP | ARCHITECTURE AT THE EDGE FESTIVAL (AATE) 2024

2024 | Film production (director, editor, music supervisor) | *Galway*, Ireland (Sep.28 - Oct.5)

MAX AND IMPROTECH | MAX SUMMER SCHOOL

「MAXとインプロテック」マックス・サマースクール・イン・藝大 2024

2024 | Beginner course (Tokyo) | *Improtect Paris - Tokyo 2024 by IRCAM*, France & *Tokyo University of the Arts*, Japan (Jul.29 - Aug.2)

RELEVANT PROFESSIONAL EXPERIENCES

YOUTH ACADEMY INSTRUCTOR

University of Galway, Ireland | 2024 - 2025

- **Programme design:** Co-designed a six-week course, *Intersections: Exploring the Blending of Art, AI, and the Creative Process*, introducing secondary students to creative technologies.
- **PixiTracker workshop:** Guided 15+ pupils in creating original soundscapes from field and archival recordings to enhance AI-generated animations.

PRODUCT MARKETING MANAGER

Reallusion Inc., Taiwan | 2021 - 2023

- **360 Marketing Strategy:** Execute holistic marketing strategies for Character Creator 4, a 3D character creation solution for realistic virtual human or stylised avatar.
- **Cross-Department Communication:** Facilitate communication among departments to meet product release schedules.
- **Artist Collaboration:** Connect with artists to create showcases, articles, tutorials and assist with technical issues.
- **Traffic Generation:** Develop media exposure strategies, including Keyword/SEO, to generate new traffic to the website.
- **Industry Knowledge:** Utilize in-depth knowledge of 3D pipelines and industry trends to initiate collaborations and partnerships, exemplified by the release of the Dynamic Wrinkles / Pose tools for Unreal Engine 5 and ZBrush.

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PHD IN CREATIVE TECHNOLOGIES -VI

GLOBAL DEVELOPMENT REPRESENTATIVE / ART DIRECTOR

United Digital Publications Co., Ltd., Taiwan | 2014 - 2021

- Handled global purchases and **copyright contracts** of digital archives within Asia-Pacific region.
 - Achieved **IP agreement** on digitisation and commercial use over 80%
 - Collaborated with National Palace Museum in 2020 by initiating new proposals.
 - Designed **visual identity** for global distribution, including logo, poster, catalogue, banner online/offline.
 - Established **international partnership** at 2012 Tokyo International Book Fair, 2014 Frankfurt Book Fair, and 2017 AAS conference/Film Expo in Toronto.
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REFERENCES

DR SAM REDFERN

Supervisors | *Department of Computer Science* at University of Galway, Ireland

sam.redfern@universityofgalway.ie

DR MÁIRÉAD NÍ CHRÓINÍN

Supervisors | *Department of Drama and Theatre Studies* at University of Galway, Ireland

mairead.nichroinin@universityofgalway.ie

DR CONN HOLOHAN

Program director & Course director | *Centre for Creative Technologies & BA in Film & Digital Media* at University of Galway, Ireland

conn.holohan@universityofgalway.ie