

# MAKE ROOM

## Xin Liu

b. 1991, Xinjiang, China

Lives and works in London, UK

### SELECTED SOLO EXHIBITIONS

- 2025** (Forthcoming) Solo exhibition at Fondazione Sandretto Re Rebaudeng curated by Hans Ulrich Obrist
- 2023** *At End of Everything*, ARTPACE, San Antonio, Texas  
*Seedlings and offsprings*, Pioneer Works, New York, NY  
*Self Devourer*, Make Room LA, Los Angeles, CA
- 2021** *The Ground is Falling*, Aranya Art Center, Qinhuangdao, China  
*The Earth is An image*, M+ Digital Commission, Hong Kong & Online
- 2020** *Living/Distance*, Make Room Los Angeles, Los Angeles, CA  
*Prologue: A falling tooth*, Museum of Arts and Design, New York, NY

### SELECTED GROUP EXHIBITIONS

- 2024** (Forthcoming) Space City - Asia Society Texas Center, Houston, TX, USA  
*The White Stone*, National Museum of Modern and Contemporary Art, Seoul, South Korea  
*"Breath(e): Towards Climate and Social Justice"*, Hammer Museum, CA, USA  
*Open Sky*, Benton Museum of Art at Pomona College, CA, USA  
*To supplement the fragment*, Public Gallery, London, UK  
*Glad Rags*, Jan Kaps, Cologne, Germany  
*Out of This World: Artists' Screening (The White Stone UK Premiere)*, Science Gallery London, UK  
*Fever Dream*, Swivel Gallery, New York, USA  
*Sapporo International Art Festival 2024: Last Snow*, Sapporo, Japan
- 2023** *Lingshui Technology & Art Festival*, Hainan, China  
*The 3rd Thailand Biennale: The Open World*, Chiang Rai, Thailand  
*ART021 Shanghai Contemporary Art Fair*, Shanghai Exhibition Center, Shanghai, China  
*The 10th West Bund Art Design Art Fair X BMW: Emotional Nexus*, West Bund Art Center, Shanghai, China  
*The 14th Shanghai Biennale: Cosmos Cinema*, Power Station of Art, Shanghai, China  
*The Interface Between Humanity and the Universe v3.0, 2023 Intermedia Art Festival of SIMA*, Beijing, China  
*Offworlds*, YveYang Gallery, New York, USA  
*New Eden*, Art Science Museum, Singapore  
*The Color of Pomegranates*, Gaotai Gallery, Urumqi, China  
*The Exhibition of Annual of Contemporary Art of China 2022*, Doland Museum of Modern Art, China  
*The 4th Future of Today Biennial: To Your Eternity*, Today Art Museum, Beijing, China  
*At the End of Everything*, Artpace, San Antonio, TX  
*'MASTERPIECE OF TOMORROW'*, The Dalmore X Artnet-Flannels X, London, UK  
*LIFELIKE*, Cal Poly University, California, USA  
*Shanghai Urban Space Art Season (SUSAS)*, Shanghai, China  
*2023 Chengdu Biennale : Time Gravity*, Chengdu Art Museum, Chengdu, China  
*LIFELIKE*, Vellum LA, Los Angeles, USA  
*Plásmata II/ Ioannina*, Onassis Stegi, Greece, Athens

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*Fabricated Realities: Video Art and Film from Southeast Asia and Beyond*, Art SG, Singapore  
*Evolving Pixels-Venus over Manhattan*, New York, USA  
*Messengers*, Surplus Space, Wuhan, China  
*Science Fiction World: Infinity*, Dongjiaojiyi, Chengdu, China  
*Pixel Row Vol.3: Natural Vicissitude*, West Bund Museum, Shanghai, China

**2022** *Clear River, Calm Sea*, Hauptkirche St. Katharinen, Hamburg, Germany  
*LIFELIKE*, Epoch Gallery, Online  
*ART021 - PORSCHE Young Chinese Artist of The Year*, Shanghai Exhibition Centre, Shanghai, China  
OCAT Beijing, Beijing, China (delayed)  
*Not About Money: Landing Meta*, Sea World Culture and Arts Centre, Shenzhen, China  
*Being Theoria*, 4th Hangzhou Triennial of Fiber Art, Zhejiang  
*Technoscape The architecture of engineers*, MAXXI, Rome, Italy  
*In Solidarity with\_? OCAT & KADIST Emerging Media Artist Exhibition*, OCAT Shanghai, Shanghai, China  
*The Disconnected Generation*, Song Art Museum, Beijing, China  
*Machines of Desire*, Simon Lee Gallery, London  
*Terra Alterities*, SUPERCOLLIDER art + sci Gallery, Inglewood, CA  
*Sailing*, TAG Art Museum, Qingdao, China  
*The Hearing Trumpet, Part II*, Galerie Marguo, Paris  
*Body · Cosmos: The Art of Living Together*, Xiezilong Image Art Museum, Changsha, China  
*Balcony of The Brave*, Hyundai Motorstudio Beijing, Beijing, China  
*Slow Factory: The Revolution is a School*, MoMA SP1, New York, NY  
*Science Fiction and Hallucination-MAXXI*, National Museum of 21st Century Art, Rome, Italy  
*Rendering*, PHD Group, HongKong, China  
*Order Copied: Changing the Reference Frame*, Magician Space, Beijing, China

**2021** *Nüwa Elysium*, OCAT Biennale 2021, Shenzhen, China  
*Urban Whispers*, Make Room Los Angeles, USA  
*Acoustic Taiyuan: A native soundscape project*, Curated by OU Ning, Changjiang Museum, Taiyuan, China  
*I Recognized the World: Born in the 80s and 90s*, MOCA, Yinchuan, China  
*The Arts of Memory and The Memory Palace*, OCAT, Shenzhen, China  
*Synthetic Wilderness*, Honor Fraser Gallery, Los Angeles, USA  
*You and AI: Through the Algorithmic Lens*, Pedion tou Areos park, Athens, Greece and online  
*Dream, Monolith, Revelation*, Hyundai Motorstudio, Beijing, China  
*Blue Cable in Venetian Watercourse*, Power Station of Art, Shanghai  
*Artists Cinema: Crashing into the Future*, curated by Cao Fei - e-flux

**2020** *From the Mundane World*, He Art Museum, China  
*Unpredictable*, curated by Barbara Pollack, Art At A Time Like This, Online  
*Forking PiraGene*, Rhizome, NYC & C-Lab, Taiwan  
*Lying Sophia and Mocking Alexa*, Yuz Museum, Shanghai, China  
*We Introduce Ourselves To Planets and Flowers*, Make Room & Kylin Gallery, Los Angeles, USA  
*Beijing International Film Festival Official Selection*, Beijing, China  
*In Kepler's Gardens*, Ars Electronica Festival, Linz, Austria  
*SXSW Film Festival Official Selection*, Austin, TX, USA  
*Onassis ENTER program*, curated by Queens Museum, New York, USA  
*X Museum Triennial, 2020*, X Museum, Beijing, China  
*Abandon Normal Devices Festival (Postponed due to COVID-19)*, Manchester, UK

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*Sundance Film Festival Official Selection, Park City, Utah, USA*

- 2019** *Latent Spectators*, UNArt Center & V2\_ Lab for the Unstable Media, Shanghai, China  
*The Sound of One Computer Thinking*, *Impakt Festival*, IMPAKT Centre for Media Culture, Utrecht  
*Future of Today- DE JA VU*, Today Art Museum, Beijing, China  
*Lying Sophia and Mocking Alexa*, Hyundai Motorstudio, Beijing, China  
*Per Aspera ad Astra*, 50 years after the Moon - Ars Electronica, Linz, Austria  
*IN: BODIED*, Parsons School of Design, New York, US  
*Living/Distance at MAX festival*, Exploratorium, San Francisco, CA  
*To Speculate, Of Nature (curated by Winnie Wong)*, Nahai Art, Millbrae, CA  
*Chinternet Ugly*, Center for Chinese Contemporary Art, Manchester, UK
- 2018** *Condition*, Huayu Youth Award Finalist Exhibition, Sanya, China  
*Future of Storytelling Summit*, Staten Island, NY  
*ERROR*, Ars Electronica Festival, Linz, Austria  
*Beijing Media Art Biennale*, CAFA Art Museum, Beijing, China  
*Surpassing  $r=a(1-\sin\theta)$* , Qimu Space, Beijing, China  
*Annual of Contemporary Art of China 2017*, Minsheng Contemporary Art Museum, Beijing, China  
*SXSW Interactive Innovation Award Showcase*, Austin, TX
- 2017** *Right to Re- in the UCSC pavilion for The Wrong Biennial*, Santa Cruz, CA  
*Global Grad Show*, *Dubai Design Week*, Dubai, United Arab Emirates  
*Web Biennial 2017*, Online & Istanbul Contemporary Art Museum, Turkey  
*Das andere Ich/ The Other I*, Ars Electronica Festival, Linz, Austria  
*Annual of Contemporary Art of China 2016*, Minsheng Contemporary Art Museum, Beijing, China  
*Wearable Technology in Fashion Film*, ASVOFF9 Sofia, Bulgaria  
*Summer Party Performance*, Boston Museum of Fine Art, Boston, MA  
*Virtual Arcade*, Tribeca Film Festival, Manhattan, NY  
*New Frontier*, Sundance Film Festival, Park City, Utah
- 2016** *Art Scholar Show*, Wiesner Gallery in MIT, Cambridge, MA  
*mfaNOW Overnight Series*, Boston Museum of Fine Art, Boston, MA  
*Performance Lab with Viktoria Modesta*, Music Tech Festival, Berlin, Germany  
*Tear Series - International Symposium on Electronic Art (ISEA 2016)*, Hong Kong, China
- 2015** *The Ballad of Generation Y*, OCT Contemporary Art Terminal, Shanghai, China  
*10th anniversary of Information Design*, Tsinghua University, Beijing, China  
*Body as Interface with Xin LIU*, Eyebeam, New York  
*The Energy Propagated*, International Symposium on Electronic Art (ISEA 2015), Toronto, Canada  
*It's Never As It Seems*, Flux Factory, Long Island City, NY  
*RISD Grad Graduation Exhibition*, Convention Center, Providence RI  
*A pop-up show for RISD D+M 10th anniversary*, CyberArts, Boston MA  
*Body + Internet (Curation)*, Exposé, Providence RI & Industry Lab, Boston MA  
*Synthetic Zero Event*, BronxArtSpace, NYC
- 2012-** *8th International TEI Conference*, LMU, Munich Germany
- 2014** *Human + Computer*, Exposé, Providence RI  
*All That Glitters Is Not LEDs*, Sol Koffler Gallery, Providence RI

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# MAKE ROOM

*Exhibition of Undergraduate College Artwork, Beijing, China*

*Beijing Fashion Design Week, Beijing, China*

*The New Spotlight in International Design Week, Shenzhen, China*

## RESIDENCIES & PROGRAMS

- 2024** GAZELLI ART HOUSE, ONLINE, Artist-in-Residence  
RICE UNIVERSITY, Artist-in-Residence
- 2023** ARTPACE SAN ANTONIO, USA, Artist-in-Residence
- 2022-23** KARMAN PROJECT, Fellowship
- 2021** SILVER ART PROJECT, NY, Artist-in-Residence
- 2020-now** SETI INSTITUTE, USA, Artist-in-Residence
- 2020-21** ONX STUDIO  
Created in partnership between the Onassis Foundation and New Museum's NEW INC  
Inaugural member of the Onassis Gallery of Olympic Tower in Midtown Manhattan
- 2019** YALE'S CENTER FOR COLLABORATIVE ARTS AND MEDIA, YALE UNIVERSITY Visiting Artist
- 2018-21** NEW LAB, BROOKLYN, NY, Artist-in-Residence
- 2018-20** QUEENS MUSEUM, QUEENS, NY, Artist Studio Program
- 2018-20** NEW INC, NEW YORK, NY  
Creative Experiment track member - supported by Simons Foundation
- 2019** WATERMILL CENTER, LONG ISLAND, NY, International Summer Program  
SUNDANCE INSTITUTE, UTAH, New Frontiers Story Lab Fellow
- 2018** PIONEER WORKS, BROOKLYN, NY, Tech Resident
- 2018** MUSEUM OF ARTS AND DESIGN, MANHATTAN, NY, Van Lier Fellow in the Artist Studio Program
- 2016** INDUSTRY LAB, CAMBRIDGE, MA, Artist-in-Residence
- 2015** WAGON STATION ENCAMPMENT ORGANIZED BY ANDREA ZITTEL

## HONORS

- 2024** K11 ARTIST PRIZE
- 2021** THE SHORT LIST FOR KADIST X OCAT YOUNG MEDIA ARTIST LIST  
THE ANNUAL GENERATION T LIST, LEADERS OF TOMORROW LIST  
PORSCHE YOUNG CHINESE ARTIST OF THE YEAR
- 2020** X MUSEUM TRIENNIAL AWARD  
Consisting of four influential international curators, the jury panel aims to deliberate the "X Museum Triennial Award" from unique perspectives and diverse cultural backgrounds to explore the future of Chinese contemporary art. The juries are Diana Campbell Betancourt, Kate Fowle, Hans Ulrich Obrist, and Zhang Zikang.  
SUNDANCE FILM FESTIVAL OFFICIAL SELECTION 2020  
"Living Distance" premiered in the New Frontier Program curated by Shari Frilot.  
SXSW FILM FESTIVAL OFFICIAL SELECTION 2020  
"Living Distance" selected in the Virtual Cinema  
FORBES 30 UNDER 30 ASIA  
KNIGHT ART + TECH FELLOWSHIP NOMINATION  
CREATIVE CAPITAL ON OUR RADAR
- 2019** VIFF IMMERSSED CO-PRODUCTION MARKET OFFICIAL SELECTION  
2010 Presented by Vancouver International Film Festival and Kaleidoscope  
SUNDANCE INSTITUTE NEW FRONTIER STORY LAB  
Among the six projects selected, supported with 10K project fund  
EUROPEAN ARTIFICIAL INTELLIGENCE LAB RESIDENCY WITH ARS ELECTRONICA  
Inaugural awardee for "The Wandering Mind", supported by the Muntref Centro de Arte y Ciencia, the Laboratorio de Neurociencia de la Universidad Torquato Ditella in Buenos Aires and the Ars Electronica Futurelab in Linz.
- 2018** HUAYU YOUTH AWARD, Finalist  
SXSW INTERACTIVE INNOVATION AWARD  
Sci-fi No Longer Category  
VAN LIER FELLOWSHIP  
As part of the Artist Studios Program in the Museum Of Arts And Design, New York  
BEST PAPER IN THE 22ND INTERNATIONAL SYMPOSIUM ON WEARABLE COMPUTERS

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- Honorable Mention
- 2017** CORE 77 INTERACTION DESIGN AWARD  
Second Prize in Student Runner Up  
FAST COMPANY INNOVATION BY DESIGN AWARD  
Three honorable mentions in the Student Category  
Two honorable mentions in the Experimental Category
- 2016** CAMIT GRANT,  
10K project fund awarded by the Council of Arts at MIT.  
AUGMENTED HUMAN CONFERENCE BEST PAPER AWARD,  
Second Place
- 2014** RISD GRADUATE SCHOLARSHIP  
RISD GRADUATE CONFERENCE GRANT  
DISTINGUISHED OVERSEAS STUDENT  
Nominated by the Chinese Consulate in New York City

## PRIVATE COLLECTION AND COMMISSION

Kadist Foundation  
Onassis Foundation  
Ars Electronica  
M+ Museum, Hong Kong  
X Museum, Beijing  
Zhi Art Museum, Chengdu  
He Art Museum, Shunde

## EDUCATION

Massachusetts Institute of Technology, Cambridge, MA, USA  
Masters of Science, in Media Arts and Sciences  
Advisors: Pattie Maes, Rosalind W. Picard, Caroline A. Jones

Rhode Island School of Design, Providence, RI, USA  
Master of Fine Arts, in Digital + Media  
Advisors: Kelly Dobson, Lisa Z. Morgan, Ga Zhang

Tsinghua University, Beijing, China  
Bachelor of Arts, in Interaction Design (Second Major)

## SELECTED REVIEWS, PRESS, AND INTERVIEWS

Artsy | Xin Liu wins inaugural K11 Artist Prize for emerging Asian artists.  
BOMB | Contemplating cryogenics, sci-fi, death, and an aesthetics of failure via technology.  
Art21 | Xin Liu's Inward Expeditions (New York Close Up)  
Hypebeast | Artist Xin Liu's AI Exploration Redefines Life Forms at Rhizome's 7x7 Event  
e-flux Journal | Issue #142 The Cosmos Flickers for You  
WIRED Japan | "SIAF AS A TOOL" podcast series #4  
Artnet | A Personal List of Some of The Most Interesting Digital-Art Experiments of 2023  
Artnet | Rhizome's Famed Art-Tech Conference Is Back at Last, And It's All-In on A.I.  
Pioneer Works | Gravity is the Momentum of Feelings  
Artnet News | Chinese Artist Xin Liu Takes Us Inside Her Lab-Like London Studio, Where Engineering and Creativity Converge  
Fast Company | This company is sending plastic-eating enzymes into space  
Waste 360 | Seed Health Tests Upcycling in Space  
Art in America | The Best and Worst Artists of Our Time are Sending Their Work into Space

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Noisé | Xin Liu: An Inward Universe  
Cultured | Artist Xin Liu Lets Science-Backed Absurdity Take the Wheel  
Artsy | How Xin Liu Created the First NFTs in Space with Retired Satellites  
LA Times | Why artist and engineer Xin Liu sent her wisdom tooth into outer space Art Agenda |  
On Space Art by Xin Wang and Xin Liu  
Nature Journal | How To Forge A Productive Science-Art Collaboration  
Hyperallergic | A Quarantine Game Speaks to and Soothes Our Collective Anxiety Artforum  
International | Yxta Maya Murray on Xin Liu  
Rhizome | Notes from Quar: Xin Liu  
Art in America | Computer Leaders by Xin Wang  
Immerse | The Artist-Engineer in VR by Andrea Kim  
MIT News | Six suborbital research payloads from MIT fly to space and back Motherboard  
VICE | MIT's 'Orbit Weaver' Turns Astronauts into Spiders  
MIT News | Prototypes for the new space age  
VOLVO XC90 presents | The art of human tech  
Digital Trends | Moving around in zero gravity is hard. MIT's solution? Spider-Man's web shooter  
Chinadaily | More than mere artists  
Digital Trends | MIT's bizarre mask can control your mood, make you feel aroused or anxious  
NOW This | MIT Media Lab Student's 'Masque' Uses A Sensor And Headphones For Sexual Arousal  
Motherboard VICE | This Device Makes People Find Others More Attractive By Playing Fake Breathing  
Sounds  
PAPER Magazine | This Sex Breathing Mask Will Turn You On  
MIT Media Lab | If you were a tree  
FastCompany | Escape From The Horror Of 2017 By Becoming A Tree  
WIRED Italy | TreeSense, la realtà virtuale per trasformarsi in un albero  
CBS | Color-changing tattoos aim to monitor blood sugar, other health stats  
Dezeen | MIT researchers develop tattoo inks that could act as health trackers MotherBoard  
VICE | MIT Has Created a Biosensing, Color Changing Tattoo Ink  
FastCo.Design | These Color-Changing Tattoos Monitor Your Health, No Wearable Needed  
BBC Future | Tattoos could soon be used to monitor health  
MetroUS | MIT researchers develop color-changing tattoos that help monitor your health Scientific  
American | Students Combine Arts and Science While Exploring "Transhumanism"  
e-flux | Artist Artist Cinemas presents Xin Liu and a conversation with Emma Enderby

## SELECTED TALKS

2024 Beyond the Cradle 2024 | MIT MEDIA LAB -Moderator Roundtable on AI, Art and Society | SERPENTINE  
GALLERIES -Panelist Seven on Seven (7x7) Conference | RHIZOME -Keynote Speaker Gravity is the  
Momentum of Feelings | RICE UNIVERSITY -Lecture Methodology in Asian studies in Prof. Lu's class | RICE  
UNIVERSITY -Lecture  
2023 How to Cinema Cosmos?/Panel II: How to Cosmos Cinema? | SHANGHAI BIENNALE -Panelist Biohacking  
Creativity:What Does It Mean for Non-Humans to Make Art? | ARTBASEL MIAMI - Conversation Online Lecture  
& discussion part with SIFA Director Ogawa | HOKKAIDO UNIVERSITY -Lecture Cosmic Metabolism 刘昕: 宇宙  
代谢 | TODAY ART MUSEUM, BEIJING -Artist Talk Planet Justice: Live IdeasFestival | SLOW FACTORY&NEW  
YORK LIVE ARTS -Keynote Speaker Digital Arts Platform | ACADEMY OF FINE ARTS AND DESIGN,  
BRATISLAVA -Lecture Critical Inquiry Lab | DESIGN ACADEMY EINDHOVEN -Lecture The Asymmetry  
Distinguished Lecture Series | THE COURTAULD -Conversation 2022 International Conference on Art &  
Design Education | TSINGHUA UNIVERSITY -Keynote Speaker USC Conversation: Science As Art | UNION OF  
CONCERNED SCIENTISTS -Artist Talk Ultra Space: Xin Liu | YALE CCAM -Artist Talk Going Interplanetary:  
Biodesign in Space | BIODESIGN CHALLENGE -Panelist 2021 Visiting Artist Talk | NANJING UNIVERSITY

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-Artist Talk Digging Down Into Our Planetary Futures | MONTALVO ARTS CENTER & SETI INSTITUTE-Panelist Artist Open Studio | QUEENS MUSEUM -Artist Talk 2020 艺术与航天跨界创新工作坊 | TSINGHUA UNIVERSITY -Artist Talk 宇宙灵性地貌与身体连结 | CONVERSAZIONE -Artist Talk Sojourner 2020 Artist Conversation | ARS ELECTRONICA -Moderator Terraforming | STRELKA INSTITUTE -Lecture Science Colloquium | THE EUROPEAN GRADUATE SCHOOL -Lecture Open Lab: Home Sprints | GOOGLE ART & CULTURE AND MIT MEDIA LAB -Artist Talk 2019 Center for Collaborative Arts and Media | YALE UNIVERSITY -Artist Talk Interactive Telecommunications Program | NEW YORK UNIVERSITY -Artist Talk New INC Demo Day | NEW MUSEUM, NEW YORK -Artist Talk Artist Studio Program | MUSEUM OF ARTS AND DESIGN, NEW YORK -Artist Talk First Principles, First | SXSW -Panelist Space Art | SCHOOL OF THE ART INSTITUTE OF CHICAGO -Artist Talk Open Documentary Lab | MASSACHUSETTS INSTITUTE OF TECHNOLOGY -Artist Talk 2018 Space Art Panel | ARS ELECTRONICA -Panelist me Convention SXSW, STOCKHOLM -Keynote Speaker Creative Technology Panel | NEW YORK FOUNDATION FOR THE ARTS, NY -Panelist Global Community Bio Summit | MIT MEDIA LAB -Panelist ArtTechPsyche IV | HARVARD UNIVERSITY -Artist Talk AR in Action | MIT MEDIA LAB -Panelist 2017 Future Innovator Summit | ARS ELECTRONICA -Invited Tech to Connect | SAN DIEGO ZOO, USA -Keynote Speaker EYEO FESTIVAL, MINNEAPOLIS, USA -Keynote Speaker 23rd ISEA and XVI INTERNATIONAL IMAGE FESTIVAL, COLOMBIA -Artist Talk GLOBAL VR SUMMIT, SHANGHAI, CHINA -Panelist NATURE SUMMIT hosted by the Embassy of Canada, WASHINGTON DC, USA -Panelist 2016 Technology + Fashion | BOSTON MUSEUM OF FINE ART -Panelist Cognitive Immersion | AEDA, NYC, USA -Speaker

## PROFESSIONAL & ACADEMIC EXPERIENCE

**2018- present** SLOW IMMEDIATE LLC, an NYC-based creative engineering and art production studio  
Co-founder with Gershon Dublon

**2017- present** SPACE EXPLORATION INITIATIVE, MIT MEDIA LAB, USA  
Arts Curator

**2020- present** LOS ANGELES COUNTY MUSEUM OF ART, USA  
Advisor, LACMA Art, and Tech Lab

**2020-2021** STRELKA INSTITUTE, RUSSIA  
The Terraforming Program Faculty

**2021** SLOW FACTORY FOUNDATION, USA  
Special Advisor

**2017** KEIO UNIVERSITY, JAPAN  
Visiting Researcher, Advisor: Yasuaki Kakehi

**2015 - 2017** FLUID INTERFACES GROUP, MIT MEDIA LAB  
Research Assistant, Advisor: Pattie Maes

**2015** MICROSOFT RESEARCH, NEW YORK  
Research Intern at Fuse Lab, Advisor: Kati London

**2015** RISD+MIT+BROWN UNIVERSITY STEAM WORKSHOP SESSION  
Instructor, Body+Internet Wintersession Course,

**2015** RHODE ISLAND SCHOOL OF DESIGN  
Instructor of Record, Paranoia East Wintersession Course

**2015** BROWN UNIVERSITY  
Choreographer, Department of Theatre Arts and Performance Studies

**2014** RHODE ISLAND SCHOOL OF DESIGN  
Research Assistant, Digital+Media Department

**2014** GOOGLE ATAP  
Independent Contractor (Research Position), Advisor: Ivan Popyrev

**2013** MICROSOFT RESEARCH ASIA  
Research Intern at HCI Group, Advisor: Jiawei Gu, Hong Z. Tan

## PUBLICATIONS

Liu, X., 2019, October. Curating the human experience of space—a collaborative, inclusive approach. In Proceedings of the International Astronautical Congress, IAC (Vol. 2019, pp. IAC-19,E5,3,9,x54420). International Astronautical

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Federation, IAF.

Vega, K., Jiang, N., **Liu, X.**, Kan, V., Barry, N., Maes, P., Yetisen, A. and Paradiso, J., 2017, September. The dermal abyss: Interfacing with the skin by tattooing biosensors. In *Proceedings of the 2017 ACM International Symposium on Wearable Computers* (pp. 138-145).

**Liu, X.**, Vega, K., Maes, P. and Paradiso, J.A., 2016, February. Wearability factors for skin interfaces. In *Proceedings of the 7th Augmented Human International Conference 2016* (pp. 1-8).

Leigh, S.W., Sareen, H., Kao, H.L.C., **Liu, X.** and Maes, P., 2017. Body-Borne Computers as Extensions of Self. *Computers*, 6(1), p.12.

**Liu, X.**, Vega, K., Qian, J., Paradiso, J. and Maes, P., 2016, October. Fluxa: Body movements as a social display. In *Proceedings of the 29th Annual Symposium on User Interface Software and Technology* (pp. 155-157).

**Liu, X.** and London, K., 2016, June. Tai: a tangible AI interface to enhance human-artificial intelligence (AI) communication beyond the screen. In *Proceedings of the 2016 ACM Conference on Designing Interactive Systems* (pp. 281-285).

**Liu, X.** and Gu, J., 2014, February. FlexStroke: a flexible, deformable brush-tip with dynamic stiffness for digital input. In *Proceedings of the 8th International Conference on Tangible, Embedded and Embodied Interaction* (pp. 39-40).

## FEATURED DOCUMENTARIES AND PRESENTATIONS

QUEENS MUSEUM | Artists in (their) Residence: Xin Liu

THE EUROPEAN GRADUATE SCHOOL | Science Colloquium

LIVING DISTANCE | A performance in Outerspace

MIT OPEN DOC LAB | In Conversation with Xin Liu: We May Be All Alone VICE THE AUDACITY OF DESIGN

| The Engineer Creating A Virtual World Using Natural Sound ARS ELECTRONICA | Space Art – Trial and

Error in Art & Science EYEO FESTIVAL | Altering the perception of self

## PROFESSIONAL SERVICE AND AFFILIATIONS

**2020 - current**

Jury member, LACMA Art, and Tech grant open call

**2021**

External Thesis Advisor, MID program in Rhode Island School of

Design 2021 Jury member, Space Open Call, TAtchers' Art

**2020**

Junior Associate, The Museum of Modern Art

**2019**

Jury chair, Sojourner 2020 open call, Space Exploration Initiative, MIT

Media Lab 2015-2017 Reviewer, TEI and ISWC

**2015-2017**

Art Scholar, Council of the Arts and MIT

## MISSION EXPERIENCES

All chartered by MIT SPACE EXPLORATION INITIATIVE

**2022**

INTERNATIONAL SPACE STATION MISSION WITH SpaceX CRS-26 Project Lead

The "MicroPET" mission consists of an autonomous payload for enzymatic reactions and microbial cultivation with fully programmable serial passaging and sample preservation. The payload is a compact, modular bioreactor system that allows for automatic media transfers and precise data monitoring from integrated sensors (e.g., temperature, optical density, etc.). We apply this system to study the biological upcycling of the commonly used polymer polyethylene terephthalate (PET) in space in a two-step system in which PET film is enzymatically degraded and microbially upcycled.

**2020**

INTERNATIONAL SPACE STATION MISSION WITH SpaceX

CRS-20 Nanolab Project Lead and interim Mission Integration Manager

Five payloads are deployed over a 30-day mission, allowing the research teams to

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**2019**

study the effects of microgravity, on-station radiation environment, and launch loads on their hardware in preparation for further deployments. Five payloads are integrated into the Nanoracks BlackBox platform for this launch opportunity.

**SUB-ORBITAL FLIGHT WITH BLUE ORIGIN NEW SHEPARD**

Single Locker Payload Project Lead

This mission marks MIT's first research launch with Blue Origin and the Media Lab's first-ever rocket launch constitutes a core milestone in the schedule of iterative microgravity testing that the Space Exploration Initiative undertakes throughout the year. These payloads crossed the 100km Karman line and tested research during three minutes of sustained microgravity inside Blue Origin's New Shepard experiment capsule.

**2017 & 2019**

**ZERO-G PARABOLIC FLIGHT**

Project Lead and interim 2019 Mission Integration Manager

The zero-gravity flight comprised 20 parabolas, with periods of hypergravity on the incline and decline and spans of lunar, Martian, or microgravity over the top of each parabola.