

ARTIST SCIENTIST RESEARCHER

Charlotte Qin

Charlotte Qin is a contemporary artist and entrepreneur who combines her scientific background and artistic vision to raise awareness and inspire action on water issues. Her interdisciplinary practice crosses the fields of sustainability, complexity science, and artificial intelligence.

Key Accomplishments

2022-PRESENT — 2020-PRESENT — 2019-2020 — 2019 — 2018-2019 — 2014

Meeting of Waters (Geneva, Switzerland)

FOUNDER

- Art-focused NGO committed to restore humanity’s relationship with water, grounded in science and policy
- 2021 Water Challenge Award Winner by Swiss Water Partnership and featured as side event at the UN 2023 Water Conference and in the Blue Zone of COP28 and COP29

QIN THEORY (Geneva, Switzerland)

DIRECTOR

- Studio practice of Charlotte Qin that explores perception, materiality, and ecological memory, bridging analytical inquiry and sensual experience through a research-driven approach
- Provides a series of professional services including art collection, public installation, and exhibition curation

The Geneva Graduate Institute (Geneva, Switzerland)

COMPUTATIONAL SPECIALIST

- Contributed to the Modelling Early Risk Indicators to Anticipate Malnutrition (MERIAM) project
- Built seasonality models, collected data, prototyped the selfreporting mobile apps that bridged data to the forecasting analysis platform for the general public and experts

Nokia Bell Labs (Cambridge, United Kingdom)

RESEARCH ASSISTANT

- Conducted research in the area of “calm technology” and scientific data visualisation
- Designed a generative system to represent collectiv emotions and crowd impact based on biofeedback systems

CERN (Geneva, Switzerland)

DESIGN-SCIENCE AMBASSADOR

- One of the initiators of the Grand Challenge collaboration between CERN and the Royal College of Art (RCA)
- Facilitated an interdisciplinary collaboration between 16 CERN professionals and 374 RCA design students to confront and design solutions based on SDGs

ATLAS Experiment at CERN (Montreal, Canada)

RESEARCH ASSISTANT

- Designed the user interface and backend state machine of the slow-control system for small-strip thin gap chamber of the 2019–2020 ATLAS experiment muon spectrometer upgrade

CONTACT

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SKILLS

- Research
- Event Programming
- Public speaking
- Exhibition curation
- Digital design
- Project management
- Workshop facilitation
- Data visualization

PROGRAMMING

- Python
- R
- matlab
- Mathematica
- Git
- HTML/CSS
- Javascript/D3.js/P5.js
- Arduino (Processing)
- Unity (C#)

SOFTWARE

- Photoshop
- Illustrator
- InDesign
- Premiere
- Sketch
- Webflow
- QGIS
- Rhino

LANGUAGES

English
●●●●●●●●●●
Chinese (Mandarin)
●●●●●●●●●●
French
●●●●●●●●●○

Education

2017-2019	INNOVATION DESIGN ENGINEERING Royal College of Art (Master of Arts) Imperial College London (Master of Science) <ul style="list-style-type: none">• Double masters jointly taught in the Design School of the RCA and the Dyson School of Design Engineering of Imperial College• Enrolled in the 3-month Venture Catalyst Challenge at Imperial Business School
2012-2016	PHYSICS McGill University (Bachelor of Science) <ul style="list-style-type: none">• Specialised in computational physics with research experience in particle and medical physics• One-year study abroad in University of Geneva

Publications

2020	IEEE VIS ARTS PROGRAM HeartBees: Visualizing Crowd Affects DOI: 10.1109/VISAP51628.2020.00007
	INTERNATIONAL CONFERENCE ON HUMAN-COMPUTER INTERACTION WITH MOBILE DEVICES AND SERVICES Having a Heart Time? A Wearable-based Biofeedback System DOI: 10.1145/3406324.3410539
2017	JOURNAL OF INSTRUMENTATION (JINST) Development and characterisation of a gas system and its associated slow-control system for an ATLAS small-strip thin gap chamber testing facility DOI: 10.48550/arXiv.1702.01240

Recognitions

GLOBAL SHAPER 2021- 2024	Delegation to meetings of World Economic Forum
50TH COMMONWEALTH YOUTH AWARD 2023	Commonwealth Youth Programme
CERTIFICATE - LEVEL B2 2022	Diplôme d'Etudes en Langue Française (DELF)
WATER CHALLENGE WINNER 2021	Swiss Water Partnership
JEANNE BELL SCIENCE UNDERGRADUATE RESEARCH AWARD 2016	McGill University Faculty of Science
THE 15TH ANNUAL JEAN LUMB AWARD WINNER 2012	Jean Lumb Foundation

CONFERENCES

COP29	BAKU, AZERBAIJAN
COP28	DUBAI, UAE
8TH WORLD WATER CONGRESS	BEIJING, CHINA
UN 2023 WATER CONFERENCE	NEW YORK CITY, UNITED STATES
INTERNATIONAL COOPERATION FORUM (2023, 2024)	SWITZERLAND

RENCONTRE DE L'EAU (2022)	LAUSANNE, SWITZERLAND

DRS2022 DESIGN SOCIETY	BILBAO, SPAIN

CRYPTO VALLEY (2021)	ROTKREUZ, SWITZERLAND

IEEE VISAP (2020)	SALT LAKE CITY, UNITED STATES

EXHIBITIONS

2025	ART NOW PROJECTS (SOLO)
	GENEVA, SWITZERLAND

FOUNDATION MAJID (SOLO)	ASCONA, SWITZERLAND

2024	42 GONGFANG MUSEUM
	BEIJING, CHINA

2023	CENTRE DES ARTS (SOLO)
	GENEVA, SWITZERLAND

ATELIER MONDIAL	BASEL, SWITZERLAND

2021	ESPACE CANDICE (SOLO)
	FERNEY-VOLTAIRE, FRANCE

2020	DUTCH DESIGN WEEK
	EINDHOVEN, NETHERLANDS