

## PRESS RELEASE

Friday, 27<sup>th</sup> October 2023

### Goethe-Institut launches new artist-in-residence programme focused on emerging quantum technologies

*International artists take residence in Dublin, Berlin, San Francisco and Lagos to explore quantum technologies through the lens of art*

The [Goethe-Institut Irland](#) has today (27.10.23) launched [Studio Quantum](#), a new international artist-in-residence programme and event series, which explores emerging quantum technologies through the lens of art.

Run by the Goethe-Institut in partnership with [Trinity College Dublin](#), [CONNECT](#) – the SFI Research Centre for Future Networks and Communications, [Trinity Quantum Alliance](#), [Project Arts Centre](#), and [The Douglas Hyde Gallery of Contemporary Art](#), the residency programme and accompanying event series are designed to explore the future impact of quantum technologies.

The residency programme officially commences this week with four two-month pilot residencies, including two residencies in Dublin. Artists were nominated for the pilot phase of Studio Quantum by a group of experts based in Dublin, San Francisco, Lagos and Berlin, and selected by an international jury.

The successful artists for the 2023 Studio Quantum residencies and the corresponding locations are:

- **Dublin:** Berlin-based [kennedy+swan](#), which comprises the work of the two artists Bianca Kennedy and Swan Collective. kennedy+swan explore the future of evolution and its impact on plants, animals, and humans. During their time in Dublin, the artists plan to develop a virtual reality (VR) experience that revolves around AI, quantum and healthcare.
- **Lagos and Dublin:** [Iféolúwa Òsúnkóyà](#), a Nigerian creative technologist and Extended Reality developer, whose work revolves around innovation, space and visual storytelling. He will be spending the first part of his residency in Lagos before coming to Dublin in the new year to explore a proposal around a VR performance experience involving movement directed by quantum circuits.
- **San Francisco:** Irish-Swedish artist, curator and music composer, [Edy Fung](#), whose interests focus on the origins of machine electronics and the information revolution. Her proposal consists of a sound installation and experimental (music and graphic) scores to explore new methods of artistic production using quantum technologies. This residency is in partnership with 'Djerassi Resident Artists Program' in California.
- **Berlin:** Internationally acclaimed contemporary artist and futurist [Amy Karle](#) from San Francisco, who specialises in emerging and exponential technologies. Amy will participate in a Berlin Science Week event and meet local and international partners. The second part of her residency will take place online. During this time, she will research the symbiotic relationship and reciprocal opportunities between quantum technology, artificial intelligence, biology, and explore the implications of their integration with our bodies and consciousness.

Speaking at the launch, Director of the Goethe-Institut Irland, Ulrike Gasser said: "We are delighted to officially launch Studio Quantum and welcome artists kennedy+swan to Dublin today.

"Studio Quantum builds on the success of the institute's 'Living in a Quantum State' initiative, which, through events in Dublin, Berlin, London and Beijing, engaged audiences in conversations around the future impact of quantum technologies. With Studio Quantum, we are now expanding these conversations and connections within our global network. The multidisciplinary programme serves as a bridge, connecting artists and audiences with longstanding partners in technology, culture, science, and education. It fosters an open and dynamic dialogue at the intersection of quantum technologies and the arts."

Provost of Trinity College Dublin, Dr Linda Doyle, who was a member of the jury who selected the artists for the 2023 Studio Quantum residencies, and who was previously Professor of Engineering & the Arts in Trinity, commented: "Quantum technologies have the potential to be hugely transformative, particularly when the interplay with AI is factored in.

It is really important that these powerful technologies are explored by artists, who frequently introduce a strong human-centric dimension. The role of the artist is more than simply mediating the technology, but actually interrogating it. I am looking forward to seeing how the Studio Quantum artists achieve this.”

### **Studio Quantum events programme**

The residencies will be accompanied by a public events programme. Events scheduled for the coming weeks include:

- The virtual colloquium ‘[Exploring Quantum Through Art and Design](#)’, organised by Berlin University of Arts in collaboration with Studio Quantum. The colloquium commenced on 19<sup>th</sup> October and will take place (almost) every Thursday until 17<sup>th</sup> February 2024. Online participation is open to all.
- ‘[Daring to Explore Quantum Creativity](#)’, an evening of conversation and performance around the potential of quantum creativity, which will take place on Wednesday, 8<sup>th</sup> November as part of Berlin Science Week. The event will take place in the Einstein Center Digital Future in Berlin and is a collaboration between the Goethe-Institut, University of the Arts and Roman Lipski Studio.
- The panel discussion ‘[Art as a Critical Compass Through Quantum Technologies](#)’ as part of the inaugural [Beta Festival](#) of art and technology in Dublin. The panel will take place at 4pm on Saturday, 4<sup>th</sup> November. The event is free of charge. For further information, visit [goethe.de/quantum](http://goethe.de/quantum).
- An evening of conversation and sound, exploring material quantum temporalities, with renowned interdisciplinary theorist Prof. Karen Barad; visionary artist Rasheedah Phillips; and Camae Ayewa of Black Quantum Futurism. The event will take place in San Francisco on 22<sup>nd</sup> November and a recording of the event will be made available online.

For further information, visit [www.goethe.de/quantum](http://www.goethe.de/quantum)

**ENDS**

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### **Note to editors:**

- The artists listed above, as well as Ulrike Gasser, are available for media interviews on request.
- A selection of accompanying **photographs** is available for reproduction by media from the following Dropbox link:  
<https://www.dropbox.com/scl/fo/1xp979unzslid3u6hjihvlz/h?rlkey=nn92dyj0hwu30tx9tssfhw37&dl=0>
- The captions for the photos are as follows:
  - **NO FEE 1 Studio Quantum:** Pictured in Dublin at the launch of Studio Quantum, a new international artist-in-residence programme and event series from the Goethe-Institut, is Berlin-based artist duo kennedy+swan. The duo is among a group of five international artists who have been selected to take part in Studio Quantum, which is designed to explore emerging quantum technologies through the lens of art. Four two-month pilot residencies commence this week in Dublin, Lagos, San Francisco and Berlin. For more information, visit [goethe.de/quantum](http://goethe.de/quantum). Pic: Mark Stedman
  - **NO FEE 2 Studio Quantum:** Pictured in Dublin at the launch of Studio Quantum, a new international artist-in-residence programme and event series from the Goethe-Institut, are partners and representatives of the programme (L-R): John Goold John Goold (Associate Professor, Physics at Trinity College Dublin and Director of the Trinity Quantum Alliance), Anna Job (Project Lead of Studio Quantum), Ulrike Gasser (Director of the Goethe-Institut Irland), artist duo kennedy+swan, Linda Doyle (Provost of Trinity College Dublin), Dan Kilper (Director of the CONNECT Centre, and Principal Investigator). For more information, visit [goethe.de/quantum](http://goethe.de/quantum). Pic: Mark Stedman
  - **NO FEE 3 Studio Quantum:** Pictured in Dublin at the launch of Studio Quantum, a new international artist-in-residence programme and event series from the Goethe-Institut, is Anna Job (Studio Quantum Project Lead at the Goethe-Institut Irland) with duo kennedy+swan, artists in residence for Studio Quantum Dublin 2023. For more information, visit [goethe.de/quantum](http://goethe.de/quantum). Pic: Mark Stedman.
- The international jury who selected the artists for Studio Quantum 2023 comprised: **Professor Dr Linda Doyle** - Provost of Trinity College Dublin; **Oyindamola Fakeye**, Artistic Director of the

Centre for Contemporary Art, Lagos (CCA, Lagos); **Nadav Hochmann** - Associate Director of Gray Area Foundation for the Arts; **Ariane Koek** - Initiator and Founding Director of Arts at Cern; **Dr Katharina von Ruckteschell-Katte** - Director of the Goethe-Institut London and Regional Director for Northwest Europe.

### **Artist biographies:**

- **kennedy+swan** (founded in 2013) comprises the works of the two artists Bianca Kennedy and Swan Collective. When working together, they explore the future of evolution and its impact on plants, animals and humans. These utopias are liberated from human supremacy, illuminating the ecological benefits of hybrid life forms, and address the twisted relationship between humans and machines. For their videos, VR and AR installations, the duo employs a variety of animation techniques: drawings, stereoscopic film footage, 3D-scanned landscapes, and self-built characters create a dense network of analogue and digital imagery. Recent works utilize and reflect the rise of Artificial Intelligence by integrating AI-generated texts and images into their animations. <https://www.kennedyswan.com/>
- **Ìfẹ̀olúwa Ọ̀súnkọ̀yà**, or Skodo-Lee as he is called by friends, is a Creative Technologist, XR, and 3D environment artist. He is a designer based in the cities of Lagos and Ibadan, whose works revolve around innovation, immersion, space and visual storytelling, using whatever tool he has at hand. A constant source of inspiration for him is the bustle of the city and the tension between the past and the future. He is a two-time winner at Meta-organized Spark AR competitions and Unity VR Developer and project manager for the award-winning 'We Speak Their Names In Hushed Tones' at the 2022 IDFA DocLab Forum. He has also participated in various workshops including the 2023 Electric South and Meta sponsored Africa XR Realities Lab. Ife holds a BSc. in architecture and a Master's degree in Cultural and Media Studies at the Institute of African Studies, Ibadan. <https://osunkoyaife.wixsite.com/skodo>
- **Edy Fung** is a post-disciplinary artist, curator and music composer. Her current research focuses on the origins of machine electronics, logic and philosophy of information. With an interest in deanthropocentric methods, she works with sound, text, installation, sculpture, public intervention, performance and transmission art which responds to current technological paradigms and the resulting epistemic limitations. Fung's work has been presented at museums, art and music contexts internationally, including the Irish Museum of Modern Art, Somerset House Studios, FACT Liverpool, MUTEK Montréal, Fylkingen Stockholm, and many other places in Europe. She is a CCA x Jerwood = Supports Mentors since 2023. <https://edyfung.com/>
- **Amy Karle** is an internationally acclaimed ultra-contemporary artist and futurist, specialising in emerging and exponential technologies. She creates new, hybridised forms of art that offer a glimpse into the potential of technology to shape the future. Karle exhibits worldwide including at: Ars Electronica (Austria), Centre Pompidou (France), Contemporary Art Platform (Kuwait), FILE (Brazil), Media Arts Biennale (China), Mori Art Museum (Japan), NOVA Rio Biennale (Brazil), The Smithsonian (USA), Triennale Milano (Italy). Karle is frequently invited to share her insights and innovations as an expert speaker and participant in think tanks to foster dialogue on the impact of deep tech and the future of humanity. She was a cultural exchange Artist Diplomat through the US Department of State American Arts Incubator and was honored as one of BBC's 100 most inspiring and influential women in the world. [www.amykarle.com](http://www.amykarle.com)

### **About Quantum Computing**

Computers are devices that store and process information in the form of bit strings (sequences of 0s and 1s). Internally, these bits correspond to two distinguishable hardware configurations, like two different levels of current in an electrical circuit. A quantum computer also stores and processes information, but unlike standard computers, it uses quantum systems such as atoms or electrons to encode information. It can thus use quantum properties such as superposition or entanglement to solve problems that are infeasible even for the best supercomputers. For instance, quantum computers could provide great benefits in healthcare with new drugs, agriculture with more sustainable fertilisers, or perhaps even help in the quest for a more sustainable world thanks new materials and better batteries.

### **About the Goethe-Institut Irland**

The Goethe-Institut is Germany's cultural institute, which is active in 98 countries worldwide. It opened its doors in Ireland 62 years ago, in 1961, and is based at 37 Merrion Square in Dublin.

It operates from a European perspective and works independently, without political ties. Its objectives are to promote the knowledge of the German language, foster cultural collaboration and exchange, and

convey a contemporary image of Germany. It does this through maintaining and building relationships with partners from the cultural and educational sectors in Ireland.

The institute runs an extensive cultural and events programme, offers language courses and qualifications, and an on-site and online library, which combined holds more than 30,000 titles. These can be accessed by anyone, free of charge, once registered. To find out more, visit: [goethe.de/Ireland](http://goethe.de/Ireland).

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