

TUM THINK TANK

Invitation and Program of the

International Quantum Forum

Navigating the Quantum Era: Arts as a Global Social Compass

January 30 & 31, 2025

Hosted by the TUM Think Tank's Quantum Social Lab and the TUM Center for Culture and the Arts.

Munich, Germany
Locations depending on the day and time.



Welcome to the IQF 2025!

The International Quantum Forum (IQF) 2025 will unite key stakeholders from across the global quantum technology ecosystem—spanning academia, industry, and civil society. Designated as the United Nations Year of Quantum Technologies, 2025 marks a pivotal moment for the field, and the IQF will set the tone with an inspiring blend of quantum science and art. Over the course of two days, in collaboration with our partners Fraunhofer AISEC, TUM University Hospital (Isar Klinikum), Karlsruhe Institute of Technology, Push Quantum, Geneva Science and Diplomacy Anticipator, Open Quantum Institute and the Global Network of Internet and Society Centers, we will connect the scientific advancements in quantum technologies, algorithms, and physics with the societal and economic dimensions of innovation, using the arts as a powerful medium for critical reflection. Public engagement will be at the heart of the event, with two evening showcases at the iconic Alte Utting and Gasteig venues, offering a rare glimpse behind the scenes of cutting-edge quantum research.

The program schedule is subject to change.

Day 1 - Part 1: Thursday, January 30th - TUM Think Tank

This part of the event is specifically tailored to people from academia. If you are interested in joining this slot, please send an email to fabienne.marco@tum.de.

9:00 am - 9:05 am	Opening Remarks
9:05 am - 9:20 am	Quantum Logic A Gentle introduction
9:20 am - 9:50 am	Quantum Logic and Quantum Software Potential and current state
9:50 am - 10:40 am	Cultural Briefing Where Arts and Quantum intersect
10:40 am - 11:10 am	Unseen Worlds Visual Storytelling Workshop
11:15 am - 11:35 am	Quantum Sovereignty Governance and Cooperation
11:35 am - 12:25 pm	Poster Session & Lunch
12:25 pm - 1:05 pm	Finding the Challenges Advancing Quantum Technologies Further
1:05 pm - 1:35 pm	The Value of Youth in Quantum A Unique Global Dialogue
1:35 pm - 2:45 pm	GESDA Serious Game New version first ever played!
2:45 pm - 3:15 pm	Science Diplomacy Insights and discussion
3:15 pm - 3:45 pm	Capacity Building & Bringing Quantum into Governments of the

Majority World

Education and Praxis

3:45 pm - 3:55 pm

Interlude

3:55 pm - 4:30 pm

Connecting the Dots in Quantum Governance

Where Are We Joining Efforts and How to Leverage?

4:30 pm - 5:00 pm

Closing Remarks

Day 1- Part 2: Thursday, January 30, 2025 - Alte Utting

7:00 pm - 7:15 pm

Opening remarks

Welcome and an Overview of the Evening

7:15 pm - 1:00 am

Art Installation Mingling

Get your drink and explore some quantum artworks in the machinery room of the ship

7:30 pm - 10:00 pm

Science Slam

Insightful, entertaining and agile, powered by QSL and PushQuantum

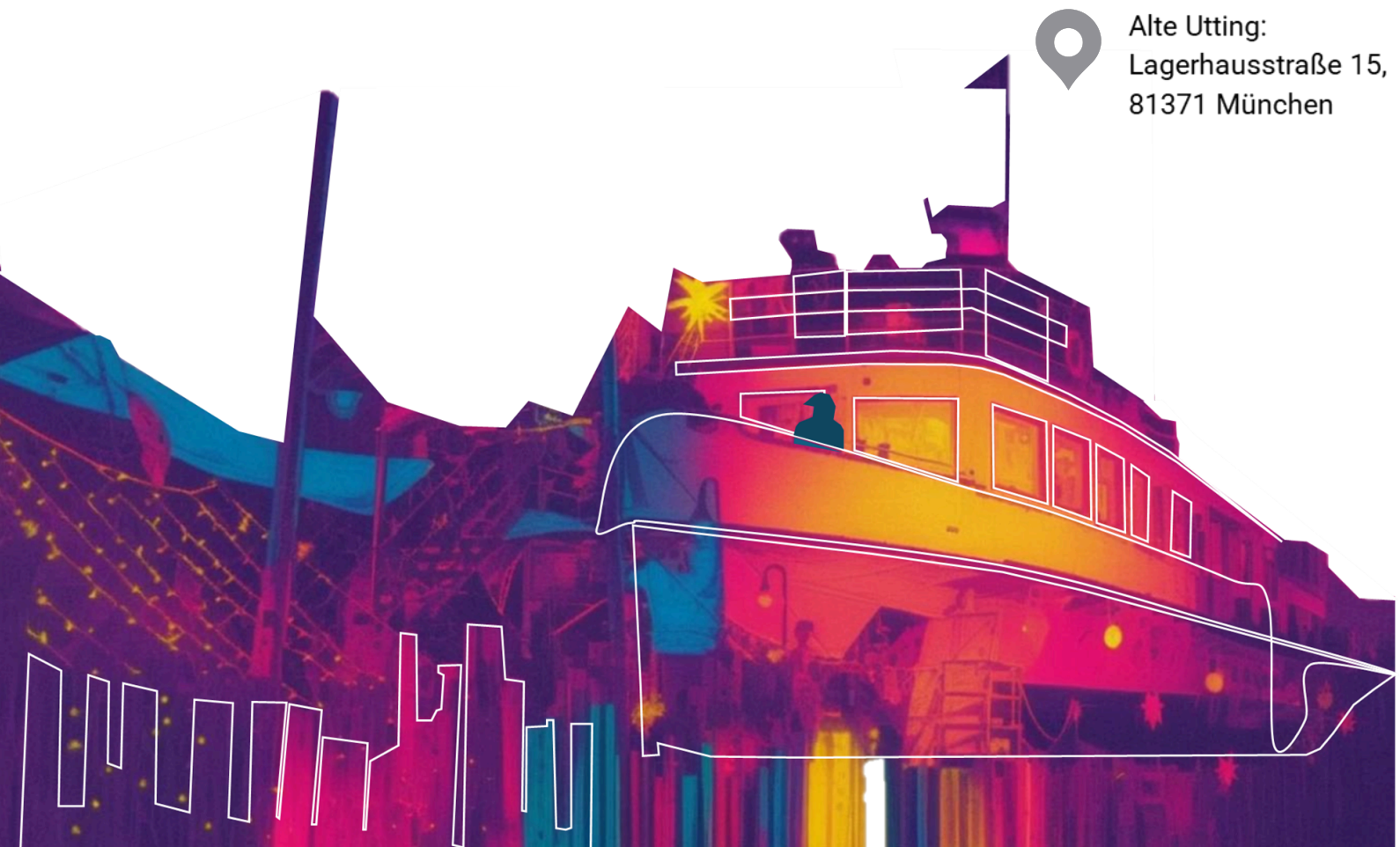
10:00 pm - 1:00 am

Networking

DJ's, music and free drinks for our invited VIP's



Alte Utting:
Lagerhausstraße 15,
81371 München



Day 2 - Part 1: Friday, January 31, 2025 - SMÄK

11:30 am - 1:25 pm

Get together and introduction

1:30 pm - 3:30 pm

Module Parkour - Location 1: SMÄK

- Experience Quantum encryption: Marble Track - HfP
- Quantum in Medicine: MRI and Spin - Isar Klinikum
- Quantum in Future Mobility - Professorship in Mobility Policy
- Quantum in Banking and Security: Charlie and Security - Fraunhofer AISEC
- Governance of Quantum Technologies - HfP & STS
- Lobby Space - Quantum World Learning Platform - XR-HUB
- Quantum Photo Booth

1:30 pm - 3:30 pm

Meet the Project (Parallel to Module Parcour)

3:30 pm - 4:00 pm

Farewell and Group Photo

Day 2 - Part 2: 7:00 pm - 11:00 pm - Gasteig HP8

7:00 pm - 7:05 pm

Welcome - Fabienne Marco

7:05 pm - 7:15 pm

Bob Coecke

Guitar Performance

7:15 pm - 7:25 pm

Subatómica Sapiens

Solimán López

7:25 pm - 7:35 pm

DNA of Democracy

Daniel Koller and Sólíman Lopez

7:35 pm - 7:50 pm

New Experiences

Moth Quantum x Florian Hecker

7:50 pm - 8:05 pm

Quantum Blur Art

Roman Lipski

8:05 pm - 8:20 pm

Break

8:20 pm - 8:50 pm

Artistic Performance

ILĀ and Moth Quantum

8:50 pm - 9:00 pm

Sensuous Spaces

Ben Nott

9:00 pm - 09:10 pm

Quantum Culture

Günseli Yalçinkaya

9:10 pm - 9:20 pm

Quantum Mysteries Unveiled

Quantum Social Lab

09:20 pm - 09:25 pm

Superposition

Anne Kristin Kristiansen

09:25 pm - 09:30 pm

Closing Remarks

Fabienne Marco

09:30 pm - 10:30 pm

Social hour

This event is hosted by the Quantum Social Lab at the TUM Think Tank in Cooperation with the TUM Center for Culture and the Arts powered by Quantum World and its partners



Quantum Social Lab



TUM THINK TANK

TUM Center for Culture
and Arts



Klinikum rechts der Isar
Technische Universität München



INTERNATIONAL YEAR OF
Quantum Science
and Technology



Bundesministerium
für Bildung
und Forschung



Karlsruher Institut für Technologie



Use the future to build the present



GLOBAL NETWORK OF INTERNET AND SOCIETY RESEARCH CENTERS

