WORLD TECH CONFERENCE

THE NEW FRONTIER OF EXPONENTIAL TECHNOLOGY

AI | Blockchain | Chemical | Deep-Tech | Energy | Pharma | Physics | Quantum

24 – 28 June 2026

Allianz MiCo – Milan (MI)

worldtechconference.ai

Ed. 03 del 04.12.2025

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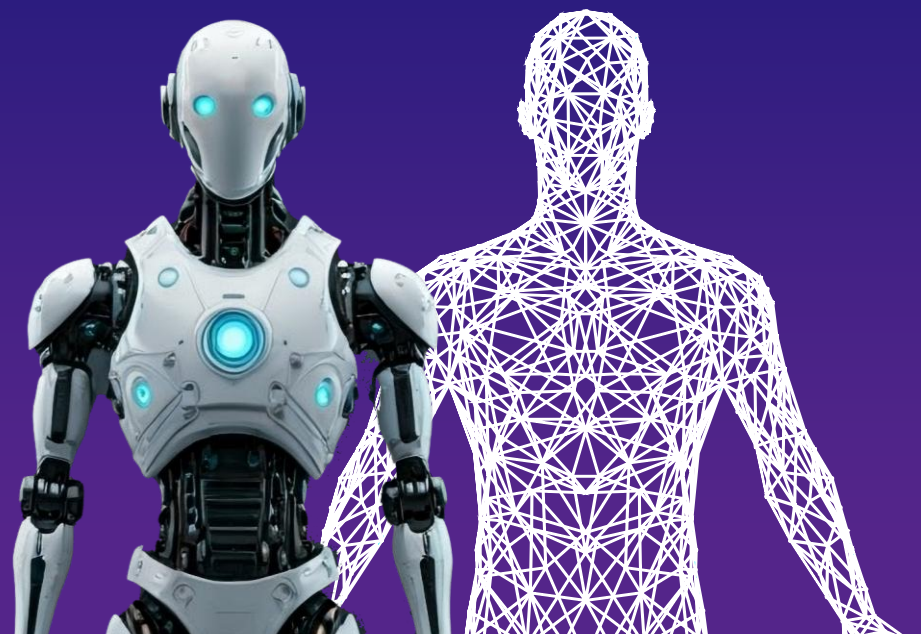
Vision

A **Global Forum** uniting AI, Blockchain, Chemical, Deep-Tech, Energy, Pharma, Physics, Quantum to build the Architecture of the next Scientific Civilization.

Every technological revolution emerges from the convergence of two frontiers:

- The **Technological Gate**, where engineering continuously expands what is possible
- The **Physical Gate**, the boundary imposed by the fundamental laws of nature

World Tech Conference explores the space between these two frontiers: where artificial intelligence meets physics, where matter becomes computation, where energy becomes information.



Why WTC Was Created

The world is entering an era in which Software, Matter, Energy and Learning are no longer separate domains.

A dedicated place is needed where Scientists, Industries, Institutions and Innovators can:

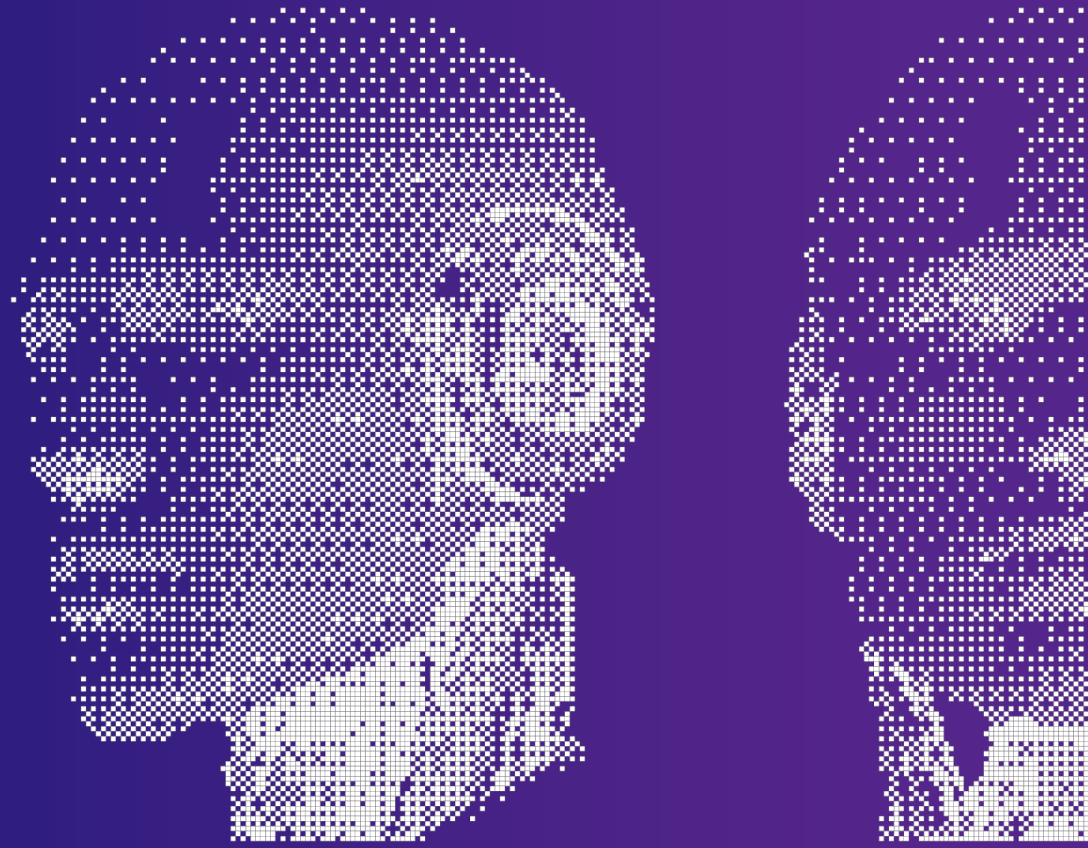
- Align Vision and Global Standards
- Debate the risks and opportunities of Exponential Technologies
- Design shared Scientific Infrastructures
- Anticipate the Future with Responsibility and Cooperation

WTC is born as a **Permanent Forum** to guide this convergence.

Why Now

- AI touches critical systems: Energy, Climate, Biology, Finance
- Quantum Computing enables models previously unimaginable
- Scientific Infrastructures are entering a new geopolitical phase
- Sustainability requires physical efficiency, not just algorithmic efficiency

WTC responds to the global need for scientific and technological governance.



Objectives

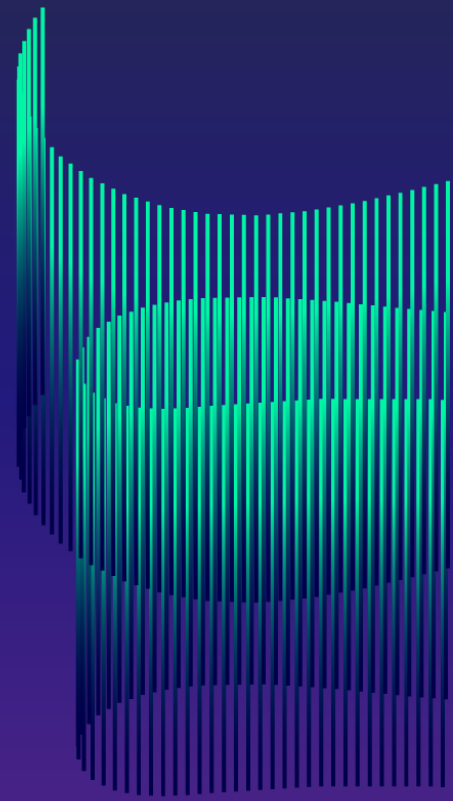
- Build a permanent platform for multi-stakeholder (Research, Institutions, Industry) meeting and collaboration on Quantum and Exponential Technologies at an international level
- Be the first in the world to make industrial-level Quantum Computing available
- Achieve the first dissemination milestone based on solid scientific foundations on the topics of quantum and new Exponential Technologies
- Demonstrate Concrete Applications

Target

- Researchers and scientists – Academia and Industry
- CEOs and C-level executives in the sectors primarily involved
- Entrepreneurs and start-ups
- Investors
- National and supranational institutions
- Students

Output

- Creation of a platform for meeting and collaboration on Exponential Technologies
- Bringing the first Quantum Computers to Italy and Europe
- Offering demos and concrete case studies
- Quantum Impact Challenge



Strategic Pillars

1. PHYSICAL INTELLIGENCE

Where computation becomes a property of matter: quantum, photonic, neuromorphic.

2. TECHNOLOGICAL CONVERGENCE

High Performance Computing (HPC) + AI + Quantum + Photonics + Biocomputing integrated into a unified cognitive architecture.

3. SUSTAINABLE SYSTEMS

Energy efficiency, Small Modular Reactors (SMRs), thermodynamics of computation, circular technologies.

4. HUMAN–TECHNOLOGY GOVERNANCE

AI safety, cognitive sovereignty, global standards.

5. TECHNOLOGICAL DIPLOMACY

International cooperation on critical technologies.

6. DEEP-TECH ECOSYSTEM

Startups, open laboratories, industrial testbeds, technology transfer.

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Q-Alliance

Q-Alliance was created through the collaboration between **IonQ**, the global leader in gate-based quantum systems, and **D-Wave**, the pioneering reference in quantum annealing, to bridge the algorithmic gap that still separates quantum computers from the real needs of industries and institutions. It brings together world-class scientists and the most advanced annealing and gate-based quantum platforms to develop methodologies, algorithms and applications that deliver concrete solutions to complex problems. Q-Alliance is a strategic scientific partner of **WTC 2026**, where for the first time it will be possible to access demonstrations, infrastructures and operational opportunities linked to the latest developments in quantum computing.

q-alliance.net

Q-Alliance

Europe as a Global Hub

WTC positions Milan and **Europe** as a bridge between continents.

An ecosystem combining:

- Scientific excellence
- Advanced infrastructures
- Mature technology policies
- A culture of responsible innovation

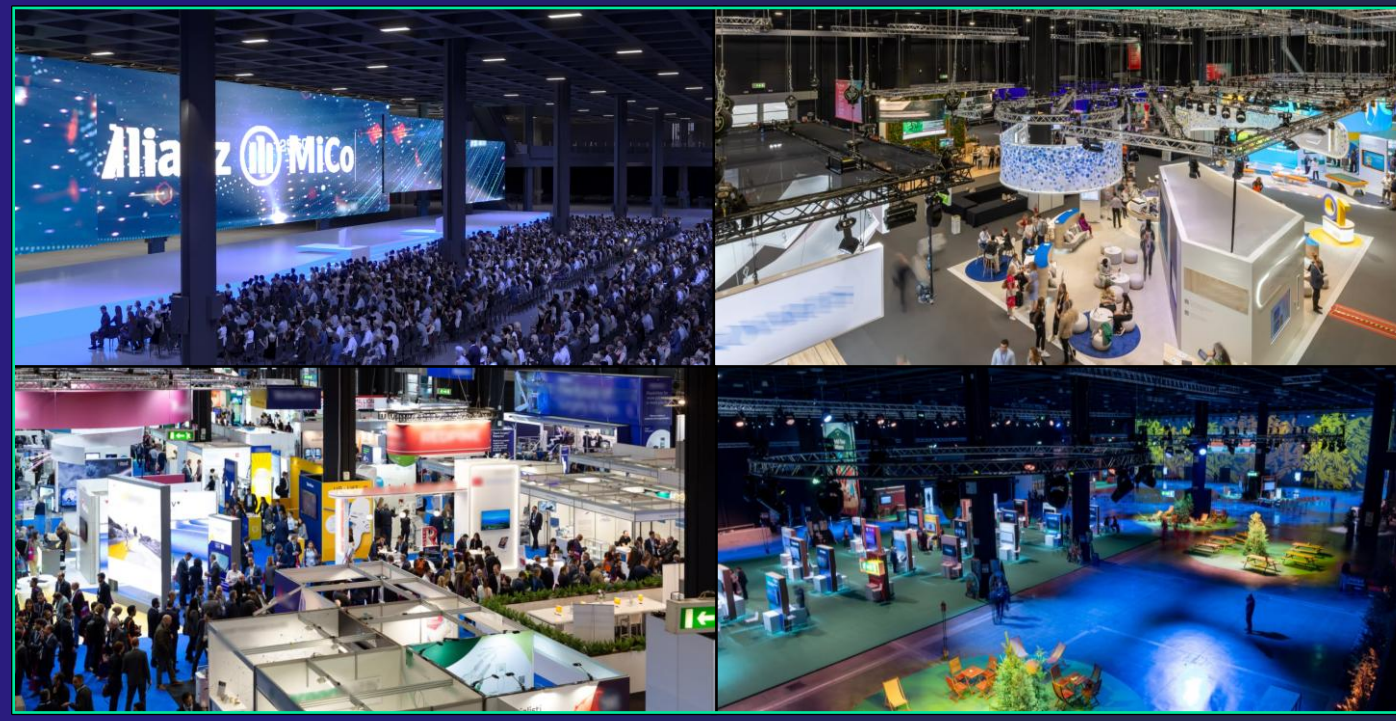
Europe becomes the global laboratory for technological sovereignty.

Allianz MiCo | Milan

The **MiCo – Milano Convention Centre** is one of the largest and most advanced conference centres in Europe.
Located in Milan's City Life district, it offers over **65,000 m^2** of exhibition and conference space, with a capacity for over **18,000 people**. The facility comprises around 70 modular rooms, **two main plenary halls with seating for 4,000 and 2,000 people** respectively, and spacious foyers and exhibition areas.
All rooms are equipped with the latest audio-visual technology and fibre optic connections, as well as infrastructure for hybrid and digital events.

The centre provides a range of **high-level integrated services**, including technical control rooms, simultaneous translation, in-house catering, security, and logistical assistance. It is also certified for its adoption of sustainable energy and environmental solutions.

MiCo is perfectly connected to the centre of Milan by underground (M5 – Portello/Domodossola stop) and easily accessible from Linate and Malpensa airports.



Format

World Tech Conference (WTC): **June, 24-28, 2026**

Professional B2B Days (3 days)

WEDNESDAY, JUNE 24 - FRIDAY, JUNE 26

- Scientific Plenaries
- Thematic Panels
- Policy Roundtables
- Vertical Sessions
- Industry Showcase
- Demo & Tech Expo

Public B2C Days (2 days)

SATURDAY, JUNE 27 AND SUNDAY, JUNE 28

- Exhibitions
- Live demonstrations
- StartUp area
- Immersive Experiences

Types of Intervention

Keynote Lecture Scientist/Professor – Informative approach – **20'**
Keynote Speech Institutional Representative (Italy, EU, World) – **20'**
Masterclass Scientists/Teachers – Scientific in-depth approach – **40'**
Special Address Industry – **10'**
Fireside Chat Experts/Consultants – **20'**
Round Tables Academia/Industry/Consulting – **50'**

Tematiche Principali

- Advanced AI and physics-informed intelligence
- Quantum Computing and hybrid technologies
- Future energy: SMR, grid intelligence, storage
- Materials science and photonics
- Blockchain, market security and Web3 infrastructures
- Pharma, chemistry and molecular simulation
- Mobility, space and autonomous systems

Scientific Committee

An international group of scientists, engineers, doctors, computer scientists, and innovators who guide: scientific vision, content rigor, session selection, and training program validity. The committee integrates expertise from: **CERN, European Universities, US Research Centers, and Deep Tech Industry.**

Giovanni Acampora - *Full Professor of Computer Science, University of Naples Federico II*

J. Christopher Clemens - *Jaroslav Folda Professor of Physics and Astronomy at the University of North Carolina at Chapel Hill*

Stefan Janaqi - *Professor, Data Science, Machine Learning and Applied Mathematics, IMT Mines Alès*

Eglantina Kalluci - *Dean, Faculty of Natural Sciences, University of Tirana, Albania*

Giuseppe Perale - *CEO, IBI S.A., Founder and CEO, Regenera GmbH, President, Swiss Medtech Ticino, Professor of Regenerative Medicine, Faculty of Biomedical Sciences, University of Southern Switzerland (USI), Lugano, Permanent Visiting Professor, Ludwig Boltzmann Institute for Experimental and Clinical Traumatology, Vienna*

Marion Schneider - *Senior Researcher in the work group of Hayrettin Tumani, Clinic for Neurology, RKU, Ulm University Hospital*

Andrés Felipe Torres Obando - *Specialist in Neurology and Neurological Pain Management, Alcalá de Henares University, Spain*

Fatos Xhafa - *Full Professor of Computer Science, Universitat Politècnica de Catalunya (UPC), Barcelona*

Provisional Conference Programme

DAY 1 – SCENARIOS, SCIENTIFIC FOUNDATIONS, VISION OF THE FUTURE, NEW PARADIGMS

Introductory day, technically informed but with a popular science slant, featuring high-level scientific, institutional and corporate testimonials.

09:00 | Introductory greetings and scientific and technological overview of WTC – *From the Technological Gate to the Physical Gate*

09:30 | Keynote Lecture 1 – *The Physical Horizon of Intelligence*
A Unified Vision of AI, Quanta, Energy, Matter and Complexity

09:50 | Keynote Lecture 2 – *The Architecture of Exponential Technologies – Overview of Quantum Architectures, Neuromorphic Systems, Photonics, Exascale High Performance Computers (HPC), Energy-Aware AI*

10:10 | Round Table 1 – *Technological Sovereignty and Strategic Infrastructure*
Focus: Global HPC/AI/Quantum Dependencies, Blockchain and Cryptographic Policy, Secure Supply Chains, Semiconductor Sovereignty, EU-US-Asia Scientific Alliances

11:00 | Coffee Station & Networking

11:30 | Special Address Industry – 1-3

12:15 | Keynote Speech 1 – National and International Institutions

12:35 | Keynote Speech 2 – National and International Institutions

13:00 | Networking Lunch

14:15 | Keynote Lecture 3 – *Quantum, AI and the Future of Computing*

14:35 | Round Table 2 – Pharmaceuticals, Chemistry and Materials of the Future
Focus: Quantum Chemistry, Molecular Simulation, Chemical Process Optimisation, Materials for Energy and Photonics

15:25 | Special Address Industry – 4-6

15:45 | Coffee Station & Networking

16:15 | Round Table 3 – Finance, Insurance, Risk Intelligence
Focus: Quantum finance, Catastrophe modelling, AI in banking/insurance, Fraud detection

17:05 | Fireside Chat 1 – Blockchain, Trust and Post-Quantum Security
Focus: Secure cryptography for quanta, Level 1 post-quantum protocols, CBDC, Digital identity, Risk in banking and cryptocurrency markets

17:25 | Keynote Lecture 4 – Crossing the Physical Gate

18:00 | End of Day One

20:00 | Welcome Dinner

Provisional Conference Programme

DAY 2 – TECHNOLOGIES, HARDWARE AND CONVERGENCE

A scientific-technical day for professionals with the aim of exploring the technical structure of modern systems.

09:00 | Keynote Lecture 5 – *Beyond Moore: New Physics for New Machines*

09:20 | Masterclass 1 – *Quantum Devices and Coherence Engineering*

10:00 | Round Table 4 – *Hybrid Architectures (HPC, QPU, AI, Photonics)*

10:40 | Special Address Industry – 7-8

11:00 | Coffee Station & Networking

11:30 | Round Table 5 – The Hardware Roadmap

12:20 | Masterclass 2 – *The Rise of Physical Intelligence*
Focus: Where intelligence becomes a property of matter: memristors, quantum materials, adaptive systems, analogies with biological informatics and Pharma

13:00 | Networking Lunch

14:15 | Keynote Lecture 6 – *Engineering Coherence at Scale*

14:25 | Keynote Speech 3

14:45 | Round Table 6 – *Energy and Sustainability Through Design*
Focus: AI and quantum technology for: Pharmaceuticals, Circular Technology, Low Energy Consumption IT, Sustainable Materials, Industrial Energy Optimisation

15:30 | Coffee Station & Networking

16:00 | Live Demo – *Emerging Systems*
Focus: Live demonstrations on the main stage of: quantum annealing, photonic processors, blockchain+AI models, quantum simulations in the pharmaceutical sector, drug repurposing, industrial digital twins, fintech predictive systems

17:00 | Fireside Chat 2 – *Future Hardware Scenarios (2030-2040)*
Focus: Multidisciplinary Scientific Discussion

18:00 | End of Second Day

20:00 | Special Dinner – View From The Top

Provisional Conference Programme

DAY 3 – APPLICATIONS, ECOSYSTEMS AND ROADMAP

Final day dedicated to discussing case histories, industrial transformation processes with the launch and announcements regarding the launch of the new collaborative platform between Research, Institutions and Industry.

09:00 | Keynote Lecture 7 – *«Intelligence, Energy and Matter: Coherent Civilisations»*

09:20 | Keynote Speech 4

09:40 | Special Address Industry – 9-16 – *Global Case Studies, Quantum and AI in all Industrial Sectors*
Focus: Pharmaceutical Industry, Chemical Industry, Mobility, Energy, Finance, Insurance, Space, Cryptocurrencies, Defence, ICT

11:00 | Coffee Station & Networking

11:30 | Round Table 7 – *Pathways to Industrial Transformation*
Focus: Energy Transition, Chemistry 4.0, Healthcare Innovation, Financial Market Evolution, Mobility, Space Systems, Blockchain Governance

12:20 | Masterclass 3 – *Climate, Markets and Planetary Modelling*
Focus: Integrated modelling with AI, quantum computing, climate data and geophysics.

13:00 | Networking Lunch

14:15 | Round Table 8 – *The Future Scientific Infrastructure of Humanity*
Focus: HPC, QPU, Digital Twins, Satellites, National Laboratories, Industry Coordinated R&D.

15:00 | Keynote Lecture 8 – *Deep-Tech Ecosystems and Global Innovation Flows*

15:00 | Coffee Station & Networking

16:00 | Round Table 9 – The Physical Frontier
Focus: Summary of scientific results, Future collaborations, Launch of the World Technology Declaration, Announcement of the next host country

16:40 | Fireside Chat 3 – Final Scientific Conversation

17:15 | End of WTC

17:30 | Press Conference

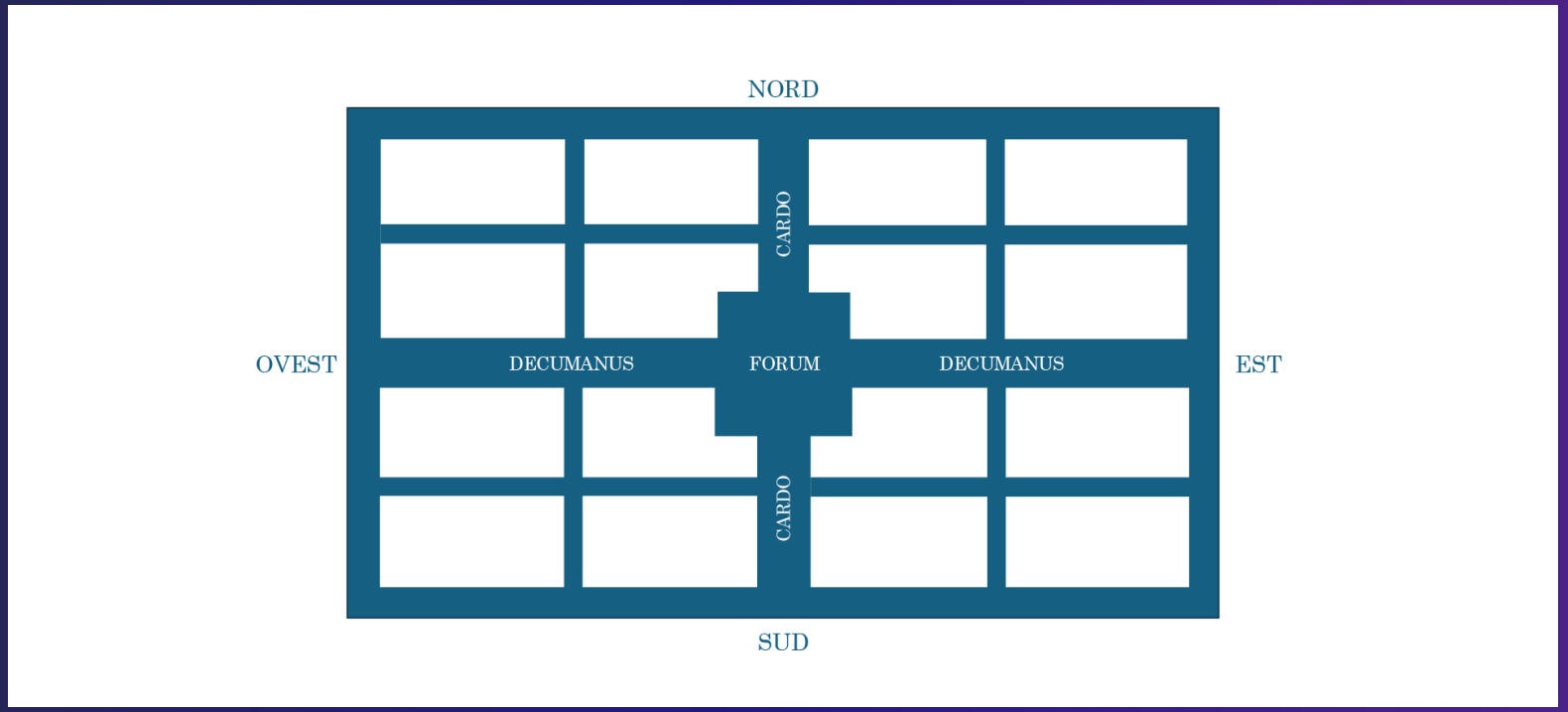
20:00 | Gala Dinner

Expo Area

TRACES OF THE FUTURE: THE EXPO BETWEEN CARDO AND DECUMANO

The division of the **8,000 m²** pavilion according to the Roman model of **Cardo and Decumano** creates a clear, intuitive, and highly functional structure.
The two main axes guide visitor flows and generate a central point — **the Forum** — which becomes the heart of the **exhibition experience**.

Around this core, **four balanced thematic quadrants** are organized, facilitating orientation, enhancing content, and ensuring a harmonious distribution of exhibitors. The result is an iconic, orderly, and immediately legible layout that combines urban tradition and technological innovation.



StartUp Pitch Arena

A **Deep-Tech Competition** bringing on stage:

- 15–25 startups selected by the Committee
- 5-minute pitches
- Q&A with international investors
- Dedicated Awards:

1. Innovation Grand Prize
2. Best Research Transfer
3. AI & Quantum Frontier Award

Objective: turn high-impact ideas into real industrial projects.

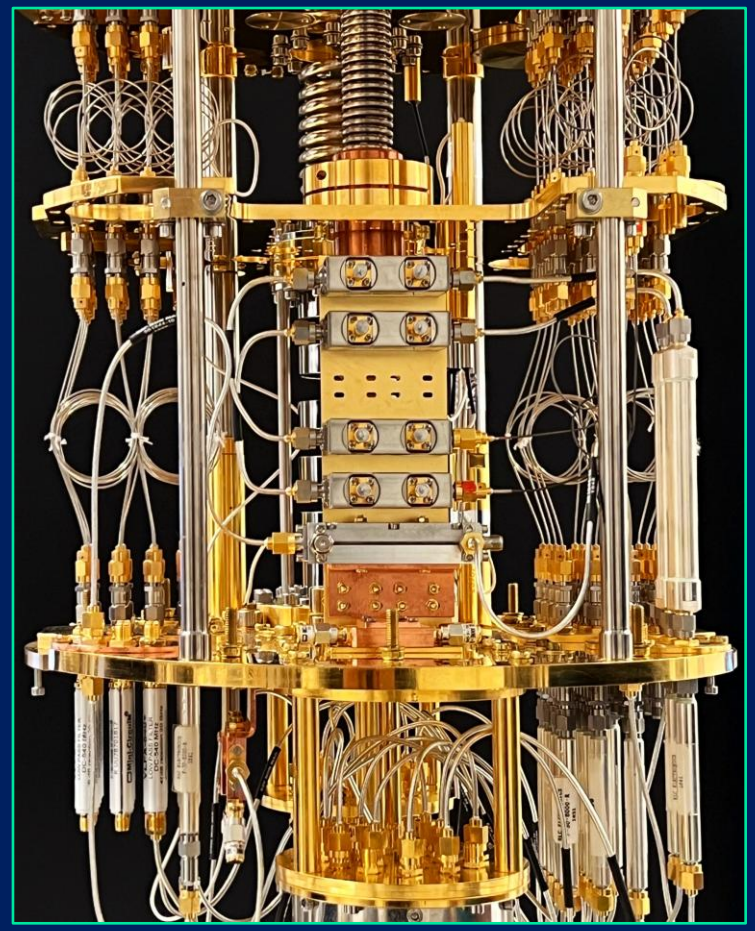
Quantum Impact Challenge

An **International Award** for the best industrial Need solvable through quantum technologies.

The winning team receives:

- Mathematical analysis of the problem
- Mapping to quantum models
- PoC development on gate-based / annealing / hybrid platforms
- Comparison with classical methods

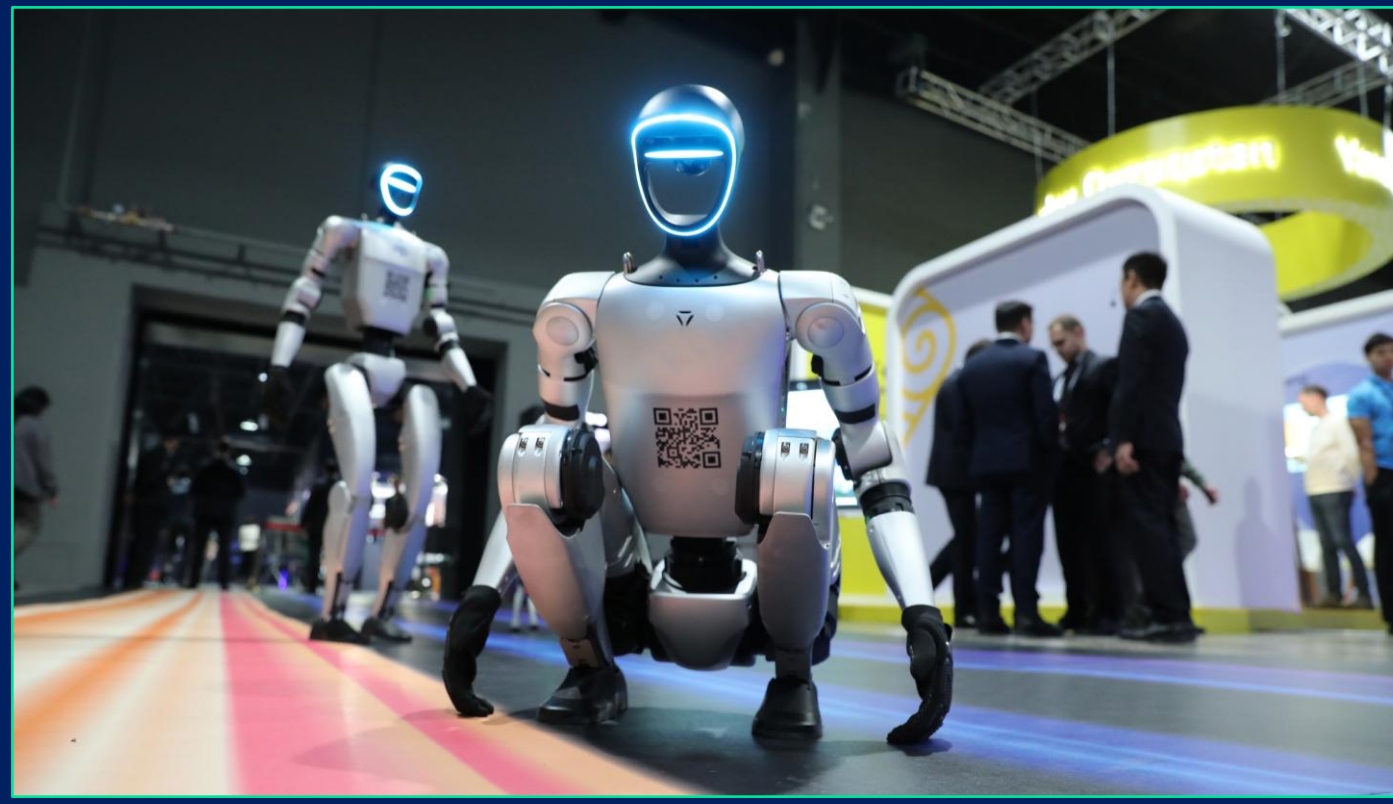
Objective: bring quantum out of the labs and into real industries.



Demo Area: Live Technologies

During the **Expo**, the following will be showcased:

- Operational Quantum Computers
- Photonic Processors
- Neuromorphic Systems
- Industrial Digital Twins
- Energy-aware AI Systems
- Chemical and Pharmaceutical Simulations
- Intelligent New Materials



For the first time in Europe, two Operational Quantum Systems will be available for demonstration.

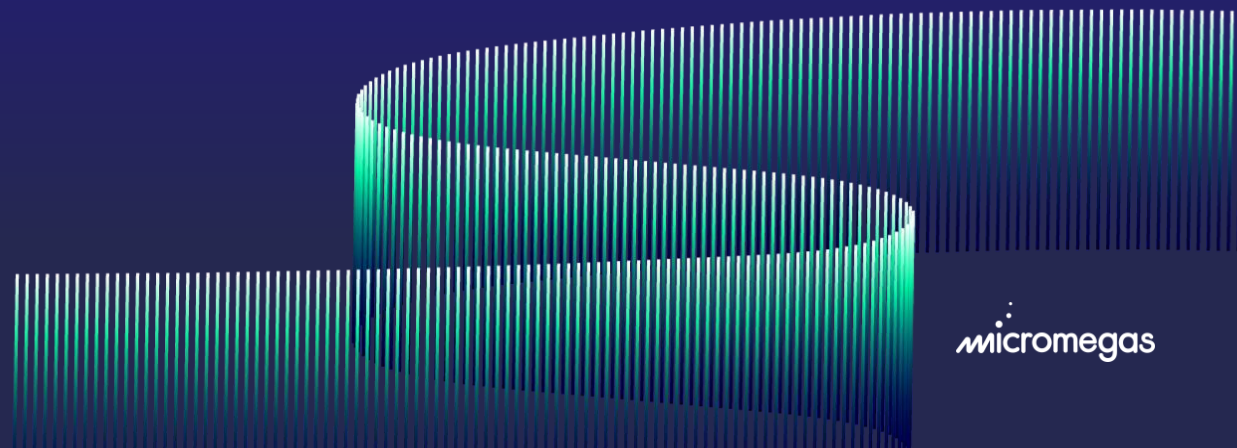
Call to Action

Join the **World Tech Conference 2026**.

Contribute to defining the global agenda on **AI, Quantum and Exponential Technologies**.

WTC is not an event.

It is the beginning of a new scientific architecture.



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