WTC

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

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# Format

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

## Professional B2B Days *(3 days)*

**WEDNESDAY, JUNE 24 - FRIDAY, JUNE 26**

- *Enterprise-Focused Plenary Sessions*
- *Industry Arena*
- *Science Arena*
- *Roundtables*
- *Thematic Breakout Sessions*
- *Industry Showcase*
- *Demo & Tech Expo*

## Public B2C Days *(2 days)*

**SATURDAY, JUNE 27 AND SUNDAY, JUNE 28**

- *Quantum Impact Challenge (QIC)*
- *Startup Pitch Arena (SPA)*
- *Partner & Industry Arena*
- *Technology Demo & Exhibition*
- *WTC Project Clinics*

### Types of Intervention

**Keynote Lecture** *Scientist/Academic – Informative approach –* **20'**
**Keynote Speech** *Institutional Representative (Italy, EU, World) –* **20'**
**Special Address** *Industry –* **10'**
**Fireside Chat** *Experts/Consultants –* **20'**
**Round Tables** *Academia/Industry/Consulting –* **60'**

# Plenary Concept

## Introduction

*The World Tech Conference plenary session is not a forum for technical discussion, nor is it a series of disciplinary presentations. It is a place where politics, industry, and science build a shared vision of the role of frontier technologies in the transformation of society, the economy, and institutions. If the Innovation Arenas is the space for the "how," the plenary session is the space for the 'why' and the "for whom."*

*The WTC plenary session has three fundamental functions:*
- *to legitimize the technological issue at the institutional and political level:*
- *to guide public and industrial debate;*
- *to inspire concrete decisions, not just reflections.*

## ACT I – INSTITUTIONAL LEGITIMACY

*"Why this conference matters"*

*The plenary session opens with a clear institutional and political framework. The aim is not celebration, but the assumption of responsibility. This act affirms that the technologies discussed at the WTC are not a topic for experts, but a matter of national and European interest, touching on:*
- *industrial competitiveness;*
- *technological sovereignty;*
- *security;• sustainability;*
- *quality of life for citizens.*

*The institutions outline the context, indicate priorities, and recognise the WTC as a platform for structured and ongoing dialogue between the public and private sectors.*
*This is the moment when it becomes clear that not deciding is already a decision, and that time is a strategic factor.*

## ACT II – SCIENCE AS THE DRIVING FORCE OF CIVILISATION

*"From discovery to impact"*

*This act features leading figures in science, including Nobel Prize winners and scientists of international renown. Not to explain algorithms or formulas, but to show how science reshapes the way humanity understands and governs the world. Science is presented as:*
- *the invisible infrastructure of progress;*
- *a long-term investment;*
- *a universal language that transcends politics and business.*

*This act serves to shift the focus of the discourse: from technology as a tool, to knowledge as a lever for systemic transformation. This is the moment when the audience understands that we are facing a paradigm shift, not an incremental evolution.*

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# Plenary Concept

## ACT III – INDUSTRY AND SCIENCE IN ACTION

*'Who is really doing it'*

*Here, the plenary session enters its most dynamic phase. Industry and science take to the stage together, not as separate worlds but as parts of the same ecosystem. No products are presented, but rather visions for application.*
*The protagonists talk about:*
- *the real problems they are facing;*
- *what will change in the coming years;*
- *why emerging technologies are already a necessity today, not a promise for the future.*

*The themes are cross-cutting and systemic: energy, mobility, health, finance, infrastructure, defence, AI, quantum, complex systems. The focus is not on individual technologies, but on the combined impact of multiple converging technologies. This demonstrates that the future is not abstract, but already underway, and that those who do not act now risk being left behind.*

## ATTO V – THE MEANING OF THE WTC

*"Why be here today?"*

*The plenary session closes with a look to the future, not as a conclusion but as an opening. The World Tech Conference is reaffirmed as:*
- *a platform for continuous dialogue;*
- *a European hub for innovation;• an international showcase for scientific and industrial excellence;*
- *a place where collaborations, not just ideas, are born.*

*The closing is not a summary, but a call to action: participate, contribute, return, build.*
*The final message is simple and powerful: the future is not observed, it is governed. And the WTC is one of the places where this governance takes shape.*

## ACT IV – GOVERNANCE, RESPONSIBILITY, CHOICES

*"Who decides, how and when"*

*After the enthusiasm comes the moment of responsibility. Frontier technologies raise questions that cannot be left solely to the market or laboratories:*
- *who governs these systems;*
- *with what rules;*
- *with what collective objectives.*

*This act addresses issues such as:*
- *technological governance;*
- *the ethics of innovation;*
- *security and resilience;*
- *the relationship between the public and private sectors.*

*It is time to recognise that technology without governance is a risk, and that clear, coordinated and timely choices are needed. This act speaks directly to decision-makers, policy makers, large organisations and strategic stakeholders.*

# Innovation Arenas Concept

## Rationale

*If the Plenary defines the why and the who, the Arenas define the how — and with what implications.*
*Parallel sessions are not designed as technical deep dives.*
*They are environments for the concurrent development of systemic capability.*
*The Arenas are not about forecasting the future.*
*They focus on shaping the enabling conditions that make it possible.*

## The Strategic Role of the Arenas

*The **Arenas** are structured to translate:*

- *Vision into models*
- *Models into architectures*
- *Architectures into operational capacity*

*They serve as testing grounds where:*

- *Scientific research is stress-tested for robustness;*
- *Industry is assessed for feasibility and scalability;*
- *Policy is evaluated for strategic coherence.*

*Their mission is not inspiration.*
*It is to make complexity governable.*

## The Principle of Simultaneity

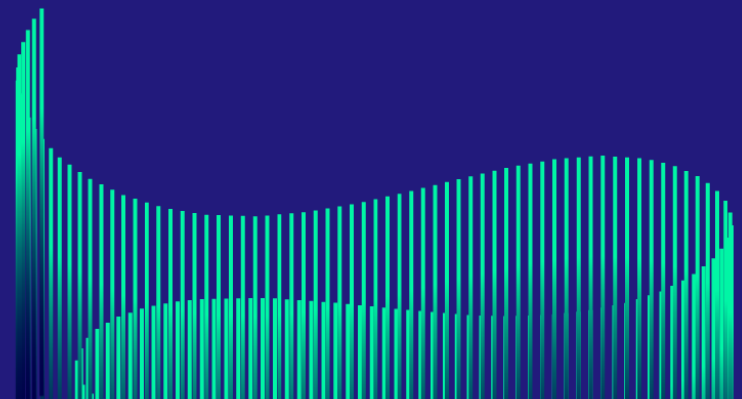
*The **four Arenas** operate in parallel, but not in isolation.*

*Their vision is grounded in a key principle:*
*Technological transformation is a systemic phenomenon.*
*It cannot be addressed in silos.*

*While:*

- *Systems addresses infrastructural scale,*
- *Deployment addresses real-world adoption,*
- *Foundations clarifies limits,*
- *Frontiers explores emerging trajectories,*

*what is built is a single architecture of coherence.*



# Industry Arena Vision

## INDUSTRY ARENA VISION– SYSTEMS

*This Arena is grounded in a fundamental premise: critical infrastructures cannot fail.*

*Its objective is to establish a shared operational language among complex system operators, technology providers, and the scientific community.*

*The focus is not technology in the abstract, but energy stability, operational continuity, and national resilience.*

*The guiding question is not: "What is innovative?" but rather: "What can perform reliably at continental scale?"*

*The* **Systems** *vision is to translate innovation into structural reliability.*

## INDUSTRY ARENA VISION– DEPLOYMENT

**Deployment** *stems from a tangible challenge:*
*Many technologies show promise.*
*Few achieve real-world adoption.*

*Its purpose is to bridge the gap between technical validation, industrial integration, and economic and regulatory sustainability.*

*This is where real-world constraints are addressed: energy availability, skills, cost structures, timelines, interoperability.*

*The objective is not to showcase case studies, but to define replicable implementation frameworks.*

*The Deployment vision is to convert potential into scalable adoption.*

# Industry Arena Vision

## INDUSTRY ARENA VISION– FOUNDATIONS

**Foundations** *begins from a position of responsibility: without clarity on physical limits, no strategy is credible.*

*This Arena serves a critical function: distinguishing demonstrable progress from narrative.*

*Here, science is not celebration — it is discipline.*

*Its role is to ensure that every industrial or policy decision rests on solid mathematical grounding, realistic energy constraints, and verifiable models.*

*Foundations ensures that vision does not devolve into rhetoric.*

## INDUSTRY ARENA VISION– FRONTIERS

**Frontiers** *looks beyond the current operational horizon.*

*Not to amplify hype, but to identify the weak signals that will become structural forces.*

*Its mandate is to anticipate:*

- *convergences across quantum technologies, AI, advanced materials, and energy;*
- *paradigm shifts;*
- *new computational and decision-making architectures.*

*This is where the vocabulary of the next decade takes shape.*

*Frontiers does not promise immediate applications.*
*It provides early strategic direction.*

# Expected Impact of the Arenas

*The Arenas are designed to deliver three outcomes:*

- *Clarity*
- *Alignment*
- *Decision*

*If the Plenary legitimizes, the Arenas operationalize.*
*If the Plenary inspires, the Arenas structure.*
*Their effectiveness is not measured by the number of slides presented, but by the quality of the connections forged and their ability to convert debate into a shared trajectory.*

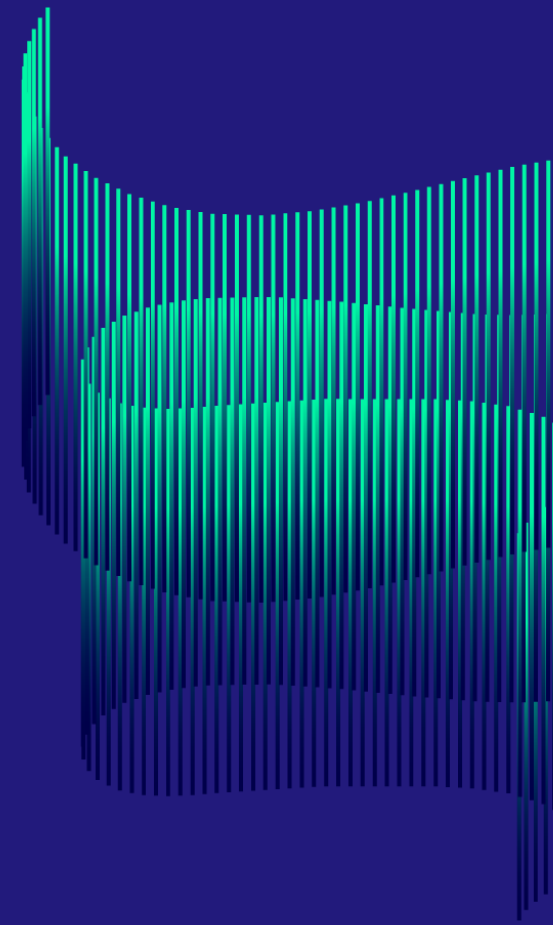
## The Ultimate Purpose

*The Arenas are not technical sessions.*
*They are decision environments.*

*This is where it is determined:*

- *which technologies qualify for integration into critical systems;*
- *under which constraints;*
- *within which governance frameworks;*
- *and with what level of accountability.*

*If the Plenary asserts that the future must be governed, the Arenas are where the instruments to govern it are built.*



# Preliminary Programme | June 24

## DAY 1 - June 24 - THE WORLD IS CHANGING – Legitimacy, Vision, Paradigm Shift

*09:00 – 09:20* | *Official WTC Opening | The Meaning of the Plenary. "We are not here to showcase technologies, but to understand what is changing in the way the world is governed"* - Welcome address by WTC; Why a divulgative, non-technical plenary; WTC as a platform for dialogue between science, industry, and institutions; Introduction to the three-day structure.

*09:20 – 12:00* | *Institutional and Political Session | Technology as a National and European Strategic Interest. "Technology is a political choice, even when it pretends to be neutral"* - Format: Short individual interventions, no technical presentations, clear policy-oriented messages. Topics: European vision on technological sovereignty; Role of States in critical systems; Long-term investments; Relationship between security, energy, and digital infrastructure.

*12:00 – 13:00* | *Visionary Scientific Keynotes | Science as the Infrastructure of the Future. "We are not improving tools; we are changing the way we understand reality* - Format: Narrative keynotes, science as culture not technique. Topics: End of deterministic models; Complexity, limits, uncertainty; Energy and information as foundational pillars; Science as a civic investment.

*13:00 – 14:00* | *Networking Lunch*

*14:00 – 16:00* | *Global Scenario Plenary | Industry and Science Facing a Changing World – "Today's industrial systems can no longer be governed with yesterday's tools"* - Format: Keynotes by major industrial leaders, moderated dialogues with scientists. Sectors: Energy and nuclear; IT and digital infrastructures; Quantum computer manufacturers; Large industrial systems. Focus: Where current models no longer work; Limits of incremental approaches; Crisis of scale, cost, and energy.

*16:00 – 17:00* | *Closing Dialogue Day 1 | Are we Ready for a Paradigm Shift? "The world has already changed, even if not everyone has realized it"* - Format: Moderated panel with Science + Industry + Institutions.

*20:30* | *Welcome Dinner*

# Preliminary Programme | June 25

## DAY 2 - June 25 - THE TRANSFORMATION UNDERWAY – Industry, Science, Real Systems

*09:00 – 11:00* | *Opening Plenary | Technological Convergence in Complex Systems – "Innovation today is systemic, or it is not innovation at all"- Format: Keynotes + short dialogues. Topics: AI, quantum, energy, materials, bio; End of technological silos; Convergence as the new normal. Sectors: Quantum computer manufacturers; Advanced IT and cloud; Energy industry; Advanced materials.*

*11:00 – 13:00* | *Industry Meets Science | Session 1: Energy, Nuclear, and Critical Infrastructures – "Energy is a system problem, not just a technological one" - Format: Dialogues with 2–3 speakers, strong moderation. Participants: Industrial leaders from nuclear and energy sectors; Leading scientists (energy, materials, systems); Experts in advanced computing and quantum. Topics: Complex energy systems; Long-term planning; Safety, reliability, resilience.*

*13:00 – 14:00 | Networking Lunch*

*14:00 – 16:00* | *Industry Meets Science | Session 2: Health, Pharma, and Life Sciences – "The medicine of the future is a computational and systemic challenge" - Participants: Pharmaceutical industry; Biomedical research; AI, HPC, and quantum for health. Topics: Biological complexity; Data, simulation, prediction; Research timelines versus market timelines.*

*16:00 – 17:00* | *Thematic Plenary | Advanced Computing, AI, and Quantum: Governing Information – "Computing has become a critical infrastructure". Sectors: Quantum computer manufacturers; Major IT players; Computational science. Focus: Limits of classical computing; Energy cost of computation; Access, sovereignty, infrastructure.*

*20:30 | Special Dinner*

# Preliminary Programme | June 26

## DAY 3 - June 26 - GOVERNING THE FUTURE – Choices, Responsibility, Direction

*09:00 – 10:00* | *Opening Plenary | Technology and Systemic Responsibility – "Technological neutrality is an illusion".* Topics: Technology as critical infrastructure; Systemic risk; Safety and reliability. Industries: Nuclear; IT; Quantum; Pharma.

*10:00 – 12:00* | *High-Level Roundtable | Who Governs Complex Systems? – "Innovation alone is not enough. Governance is required".* Participants: Policymakers; Major industries; Science. Topics: Governance; Regulation; Shared responsibility.

*12:00 – 13:00* | *Networking Lunch*

*13:00 – 15:00* | *Strategic Plenary | Long-Term Industrial Decisions –* Key sectors: Nuclear; Pharma; Digital infrastructures; Quantum computing. Focus: When the market is not enough; Patient capital and long-term investment; Role of the State.

*15:00 – 17:00* | *WTC Closing | Final Plenary: The Role of the World Tech Conference – "The future is not something to be observed. It must be governed. And WTC is one of the places where this governance takes shape".* Contents: WTC as a permanent platform; Continuity between research, industry, and policy; Call to action for: institutions, large companies, research, young generations.

*20:30* | *Gala Dinner*

# Preliminary Programme | June 27 - 28

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## June 27 – DAY 4

### FROM VISION TO ACTION

*09:00 – 09:30* | *Opening of the WTC Open Days*
*09:30 – 11:00* | **Quantum Impact Challenge** – *Final Needs Presentations*
*11:00 – 11:30* | *Coffee Break*
*11:30 – 13:00* | **QIC Technical Tables** *(Closed / Observers Allowed)*

*13:00 – 14:00* | *Networking Lunch (Partners + Participants)*

*14:00 – 15:30* | **Partner & Industry Arena**
*15:30 – 16:00* | *Coffee Break*
*16:00 – 17:30* | **Startup Pitch Arena – Live Session**
*18:00* | *Aperitif & Networking*

## June 28 – DAY 5

### IMPACT, TALENT & LEGACY

*09:30 – 11:00* | **WTC Project Clinics**
*11:00 – 11:30* | *Coffee Break*
*11:30 – 12:30* | **Quantum Impact Challenge** – *Final & Award*

*12:30 – 13:30* | *Lunch*

*13:30 – 15:00* | **Matchmaking Sessions** *(Startups / Partners / Public Administration)*
*15:00 – 16:00* | **Education & Talent Track**
*16:00 – 16:30* | *Coffee Break*
*16:30 – 17:30* | *Closing: "***From WTC to the Next 12 Months***"*
*17:30* | *Official Closing*

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# Innovation Arenas Initiatives | June 27 – 28

## QUANTUM IMPACT CHALLENGE (QIC)

*The QIC is the bridge between industry/public administration and real quantum applications.*
*It is not a startup contest, but a problem-driven contest.*

**Ideal positioning**

- *Morning of Day 27: Public presentation of the selected final needs*
- *Afternoon of Day 27: Thematic technical tables (need → feasibility)*
- *Morning of Day 28: Final session and announcement of the winner*

**Operational format**

- *The finalist needs (5–7) are presented by:*

*- large companies,*
*- critical infrastructures,*
*- public institutions,*
*- research centers.*

- *Each need includes:*

*- 10 minutes of presentation,*
*- 10 minutes of technical Q&A.*

- *Closed but observable technical tables involving:*

*- Q-Alliance,*
*- technology partners,*
*- potential co-funders.*

**Strong political message**

*“Here we do not reward those who sell an idea best, but those who have the courage to put a real problem on the table.”*

## STARTUP PITCH ARENA (SPA)

*The SPA is the space of speed and visibility, but it must be framed in a more mature way.*

**Ideal positioning**

- *Late afternoon of Day 27: Official pitches (high-impact live session)*
- *Afternoon of Day 28: Structured matchmaking and one-to-one meetings*

**Evolution compared to the initial concept**

*The proposal is to:*

- *retain the ‘arena’ format,*
- *while complementing it with a Partner Pitch Track.*

*Not only startups, but also:*

- *corporates presenting:*

*- platforms,*
*- call-for-solutions initiatives,*
*- open innovation programs,*
*- available infrastructures (HPC, quantum, testbeds).*

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# Innovation Arenas Initiatives | June 27 – 28

## PARTNER & INDUSTRY ARENA

*An arena dedicated to WTC partners, not to startups.*

**What they do**

- *Short pitches (7–10 minutes):*
  - *"Which problems we want to solve"*
  - *"What types of technologies we are looking for"*
  - *"What we bring to the table" (data, access, PoCs, funding)*

**Value**

- *Avoids the "startup fair" effect.*
- *Strengthens the role of partners as active players, not just sponsors.*

## TECHNOLOGY DEMO & EXHIBITION (OPEN TO THE PUBLIC)

*Not just booths, but guided demonstrations:*

- *Scheduled walkthrough slots on:*
  - *quantum computing (annealing, gate-based),*
  - *industrial AI,*
  - *HPC,*
  - *digital twins,*
  - *post-quantum security.*
- *Mixed audience:*
  - *students,*
  - *local companies,*
  - *public administrations.*

## WTC PROJECT CLINICS

*Semi-closed, highly concrete working sessions.*

- *Tables lasting 60–90 minutes:*
  - *"Bring your problem"*
  - *"Bring your dataset"*
- *Moderated by:*
  - *Q-Alliance,*
  - *scientific partners,*
  - *industry.*

**Outputs:**

- *Shortlist of projects eligible for:*
  - *PoCs,*
  - *calls and funding programs,*
  - *post-WTC partnerships.*

## EDUCATION & TALENT TRACK

*Politically essential.*

- *Mini-sessions on:*
  - *"How to enter the quantum field today"*
  - *"Skills required by industry"*
- *Involving:*
  - *universities,*
  - *PhD programs,*
  - *HR partners.*

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# Innovation Arenas | June 24 – 25 – 26

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**June 24 – 25 – 26 – INNOVATION ARENAS**

- Quantum Computer Manufacturers
- Quantum (Physics)
- Quantum (Software)
- Quantum Applications
- Nuclear
- Pharma Protein Folding
- Pharma Computational
- Pharma Database Drug Repourposing
- Molecular Interaction Chemistry
- Computational Chemistry (Lock-and-Key Models)
- Mathematics (Non-Commutative Structures and Related Fields)
- Ising / QUBO Mathematical Models
- Disordered Systems Mathematics

- Cryptographic Mathematics
- Medical Data Analytics, Modeling & Databases
- Blockchain Quantum Wrapping
- Blockchain Quantum Layer 0
- Blockchain Quantum Proof
- Insurance Risk Assessment
- Insurance Models
- Banking Portfolio Optimization
- Financial Modeling for Banking
- Central Bank & Digital Currency Systems
- Quantum Digital Identity (Quantum ID)
- AI neuronal Network, Quantum

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# StartUp Pitch Arena

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

- *Innovative Startups selected by the Scientific Committee and by the Steering 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.*

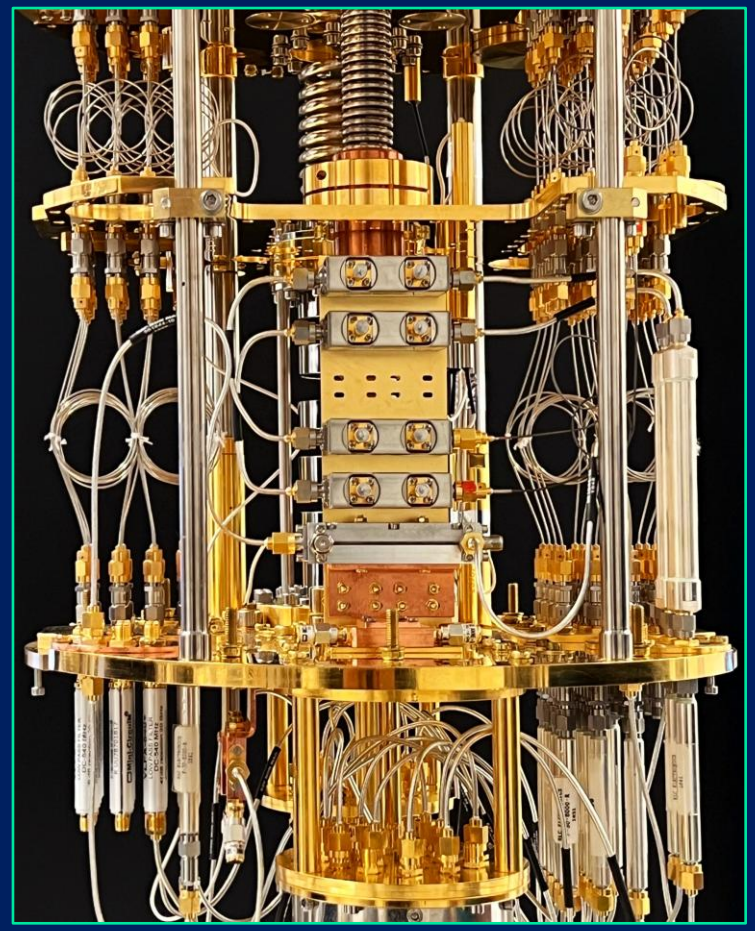
# Quantum Impact Challenge

*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*

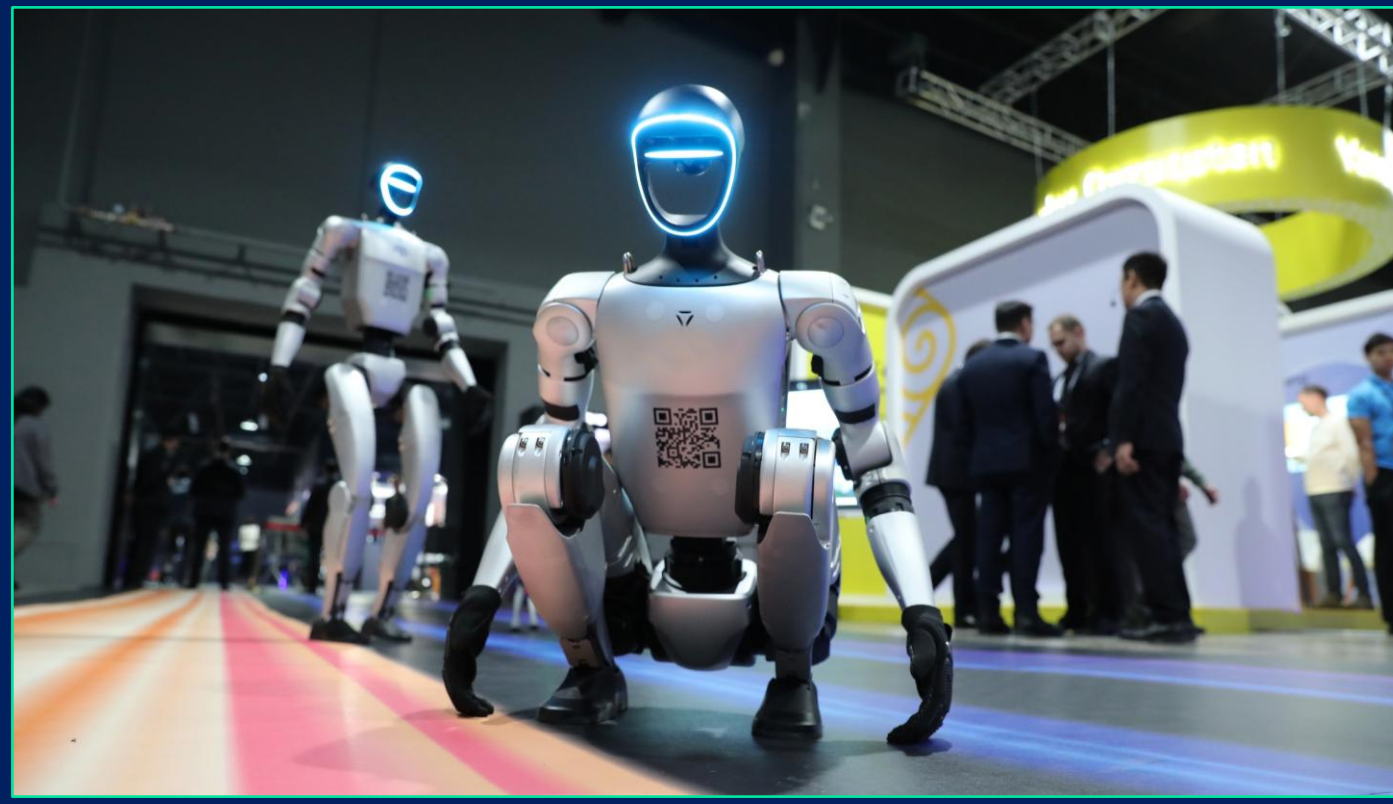
**Objective: bring quantum out of the labs and into real industries.**



# 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.**

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