bitkom

Quantum Summit 2025

Submission Guidelines
January 2025

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Call for Speakers

General Information

- The Quantum Summit 2025 consists of two streams:
  - **Developing holistic ecosystem**: Focuses on a general overview of the state of the market and technology development for quantum computing solutions.
  - **Deployment & exploitation**: Focuses on a user-oriented perspective on potential benefits and practical exploitation of quantum computing in business as well as strategies for "quantum-readiness" in organisations.
- **This call for speakers focuses exclusively on the "Deployment & Exploitation" stream.**
- Standard length of presentations will be 15 minutes, plus 5 minutes for questions.

Submission & Deadline

- Abstracts have to be submitted exclusively online at Become a speaker | AIDAQ
- The deadline for submissions is **Friday, 14 March 2025 at midnight** (12:00 AM Berlin time, Standard Time Zone: GMT/UTC + 01:00 hour).

- A strong focus of #quantumsummit25 is on solution-oriented practical approaches and implementations at a higher level of technological maturity (TRL 4 or higher). For this reason, we only consider contributions from

  - Technology providers presenting jointly with an end-user (customer or partner) **or**

  - Business or institutional end-users

- If a company submits several contributions, we will only choose maximum one (this applies also if it is presented together with different customers). Please also note that Quantum Summit is not a platform for marketing presentations.

Size & Content

- The abstract is limited to a maximum of 2,000 characters incl. spaces.

- The title should be short and meaningful (max. 100 characters incl. spaces)

- The abstract should outline the problem, describe the solution, explain the practical value and underline its relevance, e. g. to customers, the quantum computing eco-system or the industry.

- Contributions should be technologically sound and presented at a moderate level of complexity.

- Abstracts must be submitted and presented in **English.**

Topics

- A strong focus of the summit and thus an important factor for abstract evaluation is the submission's **relevance to practical applications**. Therefore, we are looking for proof-of-concept solutions and first-hand accounts of the integration, implementation, and application of quantum computing in industrial and business environments.

- Proposals may cover application areas such as Quantum Machine Learning, Simulation & Chemistry, and Optimization within various sectors, while focusing on one or more of the following topics (not limited to these):

  - Proofs-of-concept of practical use cases utilizing quantum computing (in particular, FTQC), or hybrid computing systems.

  - Setting up and implementing quantum computing strategies within organizations, including scaling from pilot projects to production-ready solutions.

  - Benchmarking methodologies, including application-relevant metrics and the evaluation of quantum and hybrid solutions in real-world scenarios.

  - Integration and deployment of quantum computing technologies into industrial environments, emphasizing end-user results and tangible outcomes.

15

Minutes presentation time.

Only one submission per company can be accepted.

- Experience with bridging technologies, such as quantum-classical interfacing or workflows leveraging quantum accelerators.
- Quantum-safe encryption: real-world implementations of quantum-safe solutions and lessons learned from deployments in various sectors (e. g. public, finance, healthcare, and critical infrastructure).

Audience

- Executive leaders and business strategists involved with or interested in quantum computing.
- IT and industry experts, technology scouts with various levels of expertise in the field.
- Scientists seeking a fruitful dialogue with the industry.
- Start-ups and new businesses in quantum computing technology
- Policymakers with a focus on Europe and Germany in particular.

What's in it for you?

- The chance to present yourself as an expert in the Quantum Computing ecosystem
- The possibility to network with like-minded professionals from various companies and organizations
- An engaged audience open to exchange on your topic

Conditions & Requirements

- There are no author fees or royalties.
- The presenter is responsible for the content of the submission and its compliance with the European regulations regarding data protection, copyright and ethics. With the submission, the presenter also assures that he/she has all the necessary rights of use and exploitation (in particular copyright) to the content he/she has provided and is authorized to pass it on. He/she assures that the publication of the content does not violate any third-party rights and indemnifies Bitkom Servicegesellschaft GmbH and Bitkom e.V. from third-party claims in this respect.
- With submission of an abstract, authors give their consent to publishing the submitted data in the conference programme as well as on the website Quantum Summit | AIDAQ

Review & Registration

- Our council of experts will review and evaluate all submissions with a sharp view on quality.

- Bitkom will make the final decision on any submission based on the expert council's recommendations.

- Notifications of acceptance or refusal will be emailed to the presenters after the reviewing process.