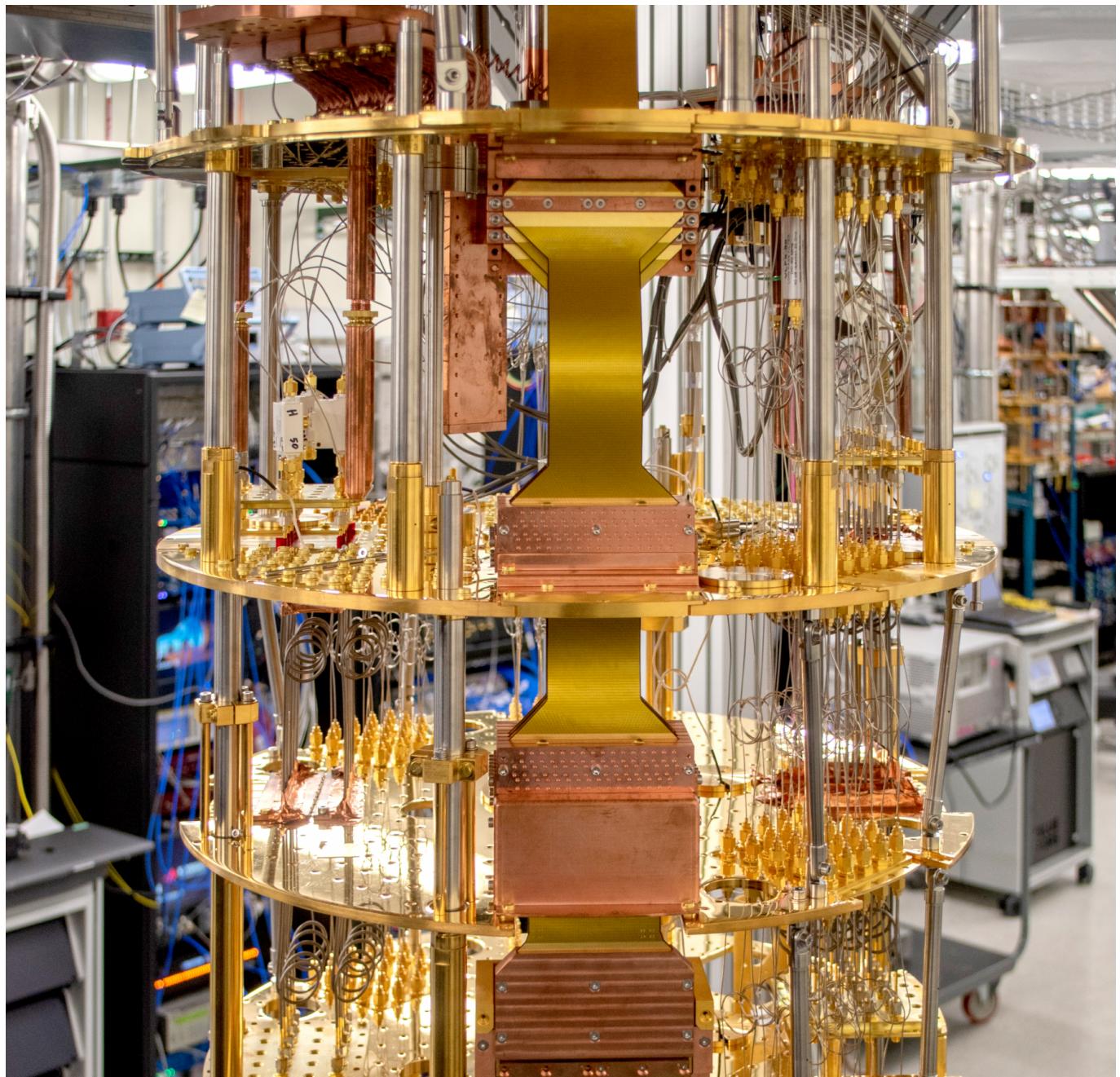


uptownBasel Infinity | Medienmappe vom 8. Dezember 2022

uptownBasel opens first quantum computer hub for commercial use in Switzerland



Mappen-Überblick

Press conference uptownBasel Infinity

Opening of the first quantum computer hub for commercial use in Switzerland

Organiser

uptownBasel Group

Date

Thursday, December 8th, 2022

Location

uptownBasel site, Schorenweg, 4144 Arlesheim

Today, the uptownBasel Group announced the opening of Switzerland's first quantum computer hub for commercial use. For this purpose, uptownBasel has founded uptownBasel Infinity Corp. - under the leadership of CEO Damir Bogdan and together with IBM, D-Wave and other national and international partners. uptownBasel Infinity operates "QuantumBasel", the Center of Competence for Quantum and Artificial Intelligence. Companies from the pharmaceutical, medical technology, industrial production and logistics sectors as well as start-ups, universities and universities of applied sciences will all benefit from this new centre. With this unique service, uptownBasel strengthens its international position as a sustainable development and production site.

Under the "QuantumBasel" brand, companies gain access to expertise and technologies that would be almost impossible for them to develop on their own. In workshops and training sessions, customers are first trained to use these technologies and are then provided with support throughout their projects. To ensure this high level of support, uptownBasel Infinity is currently building a team of around 20 quantum & AI specialists, data analysts, information systems specialists, technology experts and trainers.

Quantum as a service

Access to the technology is guaranteed via a dedicated hyperscaler at uptownBasel in Arlesheim (BL) which also offers a large data storage capacity on the campus. Among other things, QuantumBasel has access to an IBM computer with 433 qubits, and is therefore the first competence centre in Switzerland to offer companies such access to quantum technology.

Foundation for future innovations

Quantum computers now make it possible to perform comprehensive simulations that far exceed the limits of conventional computers. With the help of machine learning and artificial intelligence, innovative solutions can be created for the future. "We are convinced that we are creating an accelerator for many research projects with QuantumBasel, thus strengthening Basel as a business location and Switzerland as a whole," says Damir Bogdan, CEO of uptownBasel Infinity, summing up the objective of the new competence centre.

Joint press release with IBM

To mark the occasion, uptownBasel and IBM are publishing a joint press release announcing the global agreement with IBM New York, which is the first of its kind in Switzerland. The partnership agreement with D-Wave in Canada was also announced today. Further partnerships are being established and will be publicised in the coming months.

Images of the press conference



Dr Thomas Staehelin, Chairman of the Board of Directors of uptownBasel, talks about the great importance of QuantumBasel for the economy and society.

© uptownBasel



Damir Bogdan, CEO uptownBasel Infinity, introduces QuantumBasel.

© uptownBasel



Damir Bogdan, CEO uptownBasel Infinity, gives insight into the various use cases that quantum computers can be used for today and in the future.

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Damir Bogdan, CEO uptownBasel Infinity, shows how the ecosystem around QuantumBasel is being developed.

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Hans-Jörg Fankhauser, area developer uptownBasel, shows his vision for uptownBasel.

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Signing of the partnership declaration between D-Wave and uptownBasel (from left to right): Karl Gun, Member of the Board uptownBasel, Dr. Thomas Staehelin, Chairman of the Board uptownBasel, Mark Snedeker, Senior Vice President D-Wave and Damir Bogdan, CEO uptownBasel Infinity

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Signing of the partnership declaration between D-Wave and uptownBasel (from left to right): Karl Gun, Member of the Board uptownBasel, Dr. Thomas Staehelin, Chairman of the Board uptownBasel, Mark Snedeker, Senior Vice President D-Wave and Damir Bogdan, CEO uptownBasel Infinity

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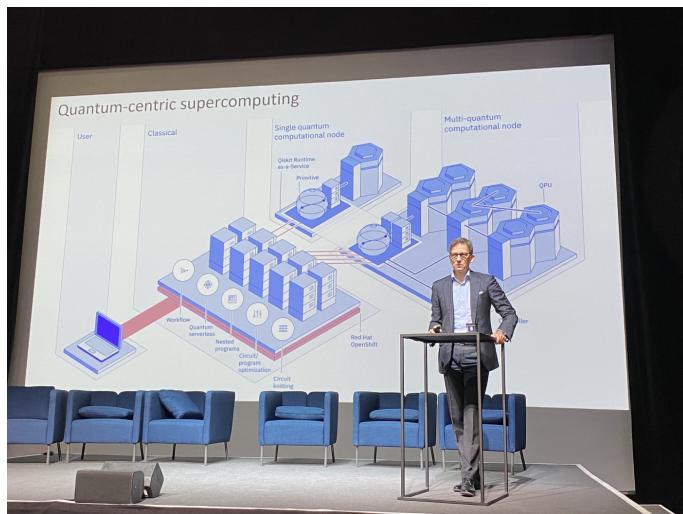
Images of the Quantum Future Day



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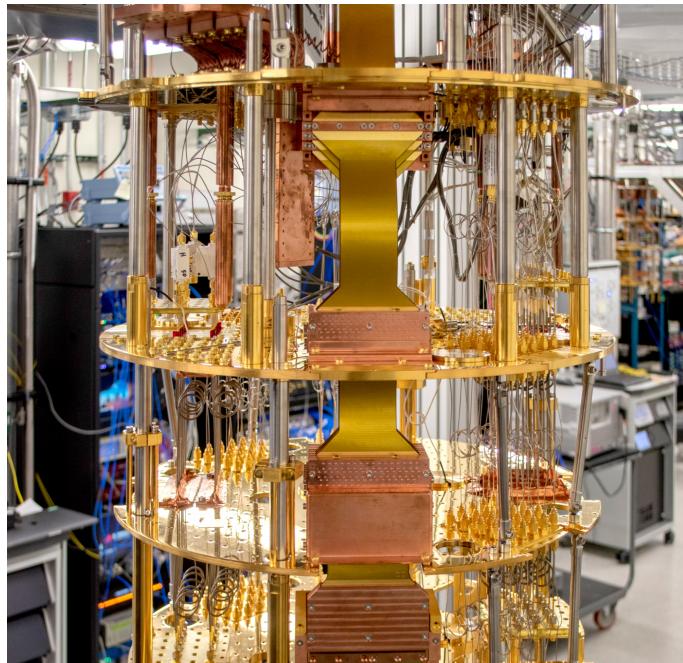


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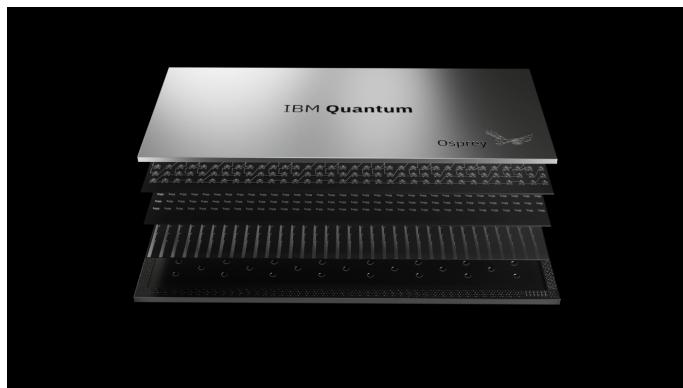
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Media images



Detailed view of the IBM quantum computer. As of January 2023, QuantumBasel will have access to the IBM quantum computer with 433 qubits.

© IBM



A cross-section of the Osprey processor, the most powerful quantum computer to date. It has a computing power of 433 qubits, to which QuantumBasel will have access.

© IBM



On 29th September 2022, Dr. Thomas Staehelin signed the cooperation agreement with IBM New York at the IBM Research Zurich Lab in Rüschlikon. **uptownBasel** becomes Switzerland's first quantum computer hub for commercial use.

© IBM



Under the "QuantumBasel" brand, companies gain access to expertise and technologies that would be almost impossible for them to develop on their own.

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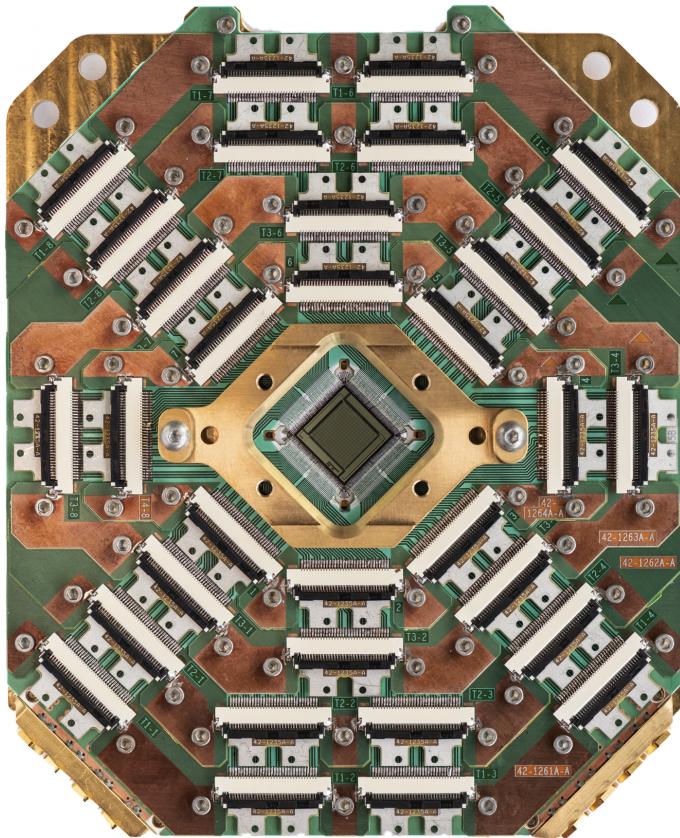
In 2016, the idea for the **uptownBasel** site was born, which is to become a quantum technology hub known throughout Europe by 2026.

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Access to the technology is guaranteed via a dedicated hyperscaler at **uptownBasel** in Arlesheim (BL), which also offers a large data storage capacity on the campus.

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On December 8th 2022 D-Wave and uptownBasel Infinity announced their collaboration on Quantum Annealing technology.

© D-Wave



On December 8th 2022 D-Wave and uptownBasel Infinity announced their collaboration on Quantum Annealing technology.

© D-Wave

Weitere Infos & Links

Speakers

- **Baschi Dürr**
CEO uptownBasel Group
- **Dr. Thomas Staehelin**
Chairman of the Board of uptownBasel
- **Damir Bogdan**
CEO uptownBasel Infinity
- **Christian Keller**
General Manager IBM Switzerland
- **Mark Snedeker**
Senior Vice President Growth
D-Wave
- **Phil Arnold**
Head of quantum computing Vinci
Energies
- **Arianna Elena Maschietto**
Director at Plug and Play
- **Hans-Jörg Fankhauser**
Site Developer uptownBasel

Declarations of partnership

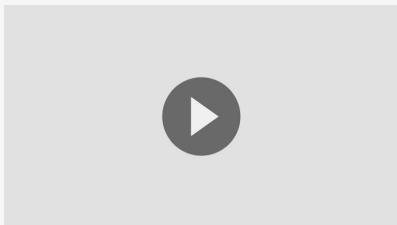
- Press release from uptownBasel and IBM (December 8th, 2022)
- Declaration of partnership between uptownBasel and D-Wave

Presentation uptownBasel Infinity «QuantumBasel»

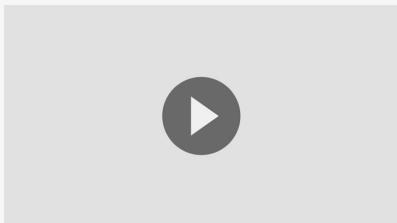
- Presentation Damir Bogdan, CEO uptownBasel Infinity

Videos

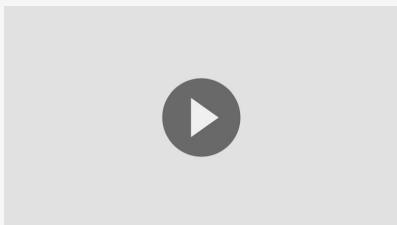
Brand Video «QuantumBasel»



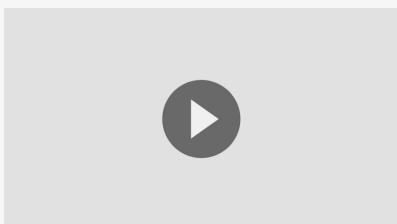
Film of the Quantum Future Day in uptownBasel



Short statement by Baschi Dürr, CEO uptownBasel Group



Short statement by Dr. Thomas Staehelin, Investor and Chairman of the Board uptownBasel



Short statement by Damir Bogdan, CEO uptownBasel Infinity



Short statement by Christian Keller, General Manager IBM Switzerland



Short statement by Mark Snedeker, Senior Vice President Growth D-Wave



Short statement by Hans-Jörg Fankhauser, Site Developer uptownBasel



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Mappe exportiert am 04.02.2026 19:50

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