



## ASSOCIAZIONE POZZO DI MIELE



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*Carissimi Soci, Colleghi e Simpatizzanti*

E' con piacere che, per vostra informazione, vi giriamo un recente articolo relativo alla nascita di ...

# HONEYWELL QUANTUM SOLUTIONS

**Honeywell Quantum Solutions and  
Cambridge ... Quantum have combined to  
form**

**Quantinuum**  
**the world's largest integrated quantum  
computing company.**

Quantum computing will revolutionize the way we work. That's why we've spent more than a decade focused on ways to not only help architect this massive expansion of computational power and problem solving, but accelerate it, too.

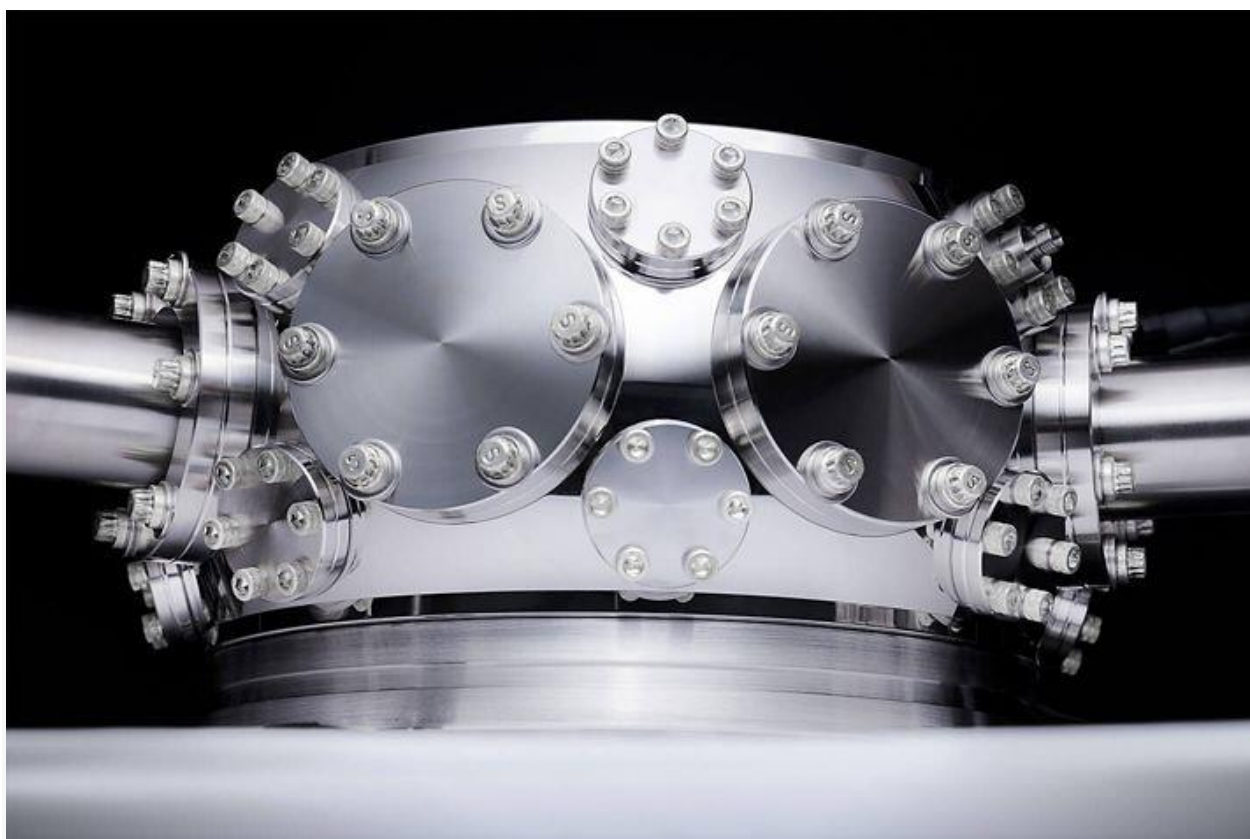
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# ASSOCIAZIONE POZZO DI MIELE



As a leading technology company, we will shape the adoption and integration of quantum information systems into the industries we serve.



Defined in nature by their atomic structure, our trapped-ion qubits can be uniformly manufactured and controlled more easily and quickly compared to alternative qubit technologies that do not directly use atoms. This is why we use the term "Nature's Qubit", for our systems - our qubits are all identical and defect-free.



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## WHY HONEYWELL ...

### Our Approach Stems From Our Heritage

After more than 130 years of innovation, our strengths in science, engineering and research, along with our domain and software expertise, allow us to offer our partners and customers a competitive edge.

Trapped-ion quantum computers use numerous, individual, charged atoms (ions) to hold quantum information. Our systems use electromagnetic fields to hold (trap) each ion so it can be manipulated and encoded using microwave signals and lasers.

The complexity of these control systems is aligned to our expertise, because we've been building them for decades. As a leader in hardware, software and intuitive user interfaces, we have the end-to-end capabilities necessary to design, build, and integrate critical subsystems and components to facilitate trapped-ion technology.

*Il Consiglio Direttivo di Pozzo di Miele*