

Macro Roundup Article

Headline: [Chinese Scientists Claim Record Smashing Quantum Computing Breakthrough](#)

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Publication	South China Morning Post
Publication Date	October 11, 2023

Tweet: Chinese scientists claim a breakthrough in quantum computing, completing calculations in less than a second that would have taken the world's fastest conventional supercomputer 20 billion years. @SCMPNews

Summary: Scientists in China say their latest quantum computer has solved an ultra-complicated mathematical problem within a millionth of a second—more than 20 billion years quicker than the world's fastest supercomputer could achieve the same task. The JiuZhang 3 prototype also smashed the record set by its predecessor in the series, with a one million-fold increase in calculation speed, according to a paper published on Tuesday by the peer-reviewed journal Physical Review Letters. The fastest classical supercomputer Frontier—developed in the US and named the world's most powerful in mid-2022—would take over 20 billion years to complete the same task, the researchers said. Related: Quantum Computing Advance Begins New Era, IBM Says and White House Unveils Ban On US Investment In Chinese Tech Sectors

Primary Topic: China

Topics: China, Innovation/Research, News article, Productivity

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