

CERN to organise a scientific symposium on quantum science and technology in celebration of the World Quantum Day

Posted on 5 April 2022 by EuropaWire PR Editors | This entry was posted in [Education](#), [News](#), [Science](#), [Switzerland](#), [Technology](#) and tagged [CERN](#), [CERN Council Chamber](#), [CERN Quantum Technology Initiative](#), [HEP](#), [high energy physics](#), [John Ellis](#), [Nicolas Gisin](#), [QTI](#), [quantum research](#), [quantum science](#), [scientific symposium](#), [scientists](#), [World Quantum Day](#). Bookmark the [permalink](#).



(Image: World Quantum Day)

(PRESS RELEASE) GENEVA, 5-Apr-2022 — /EuropaWire/ — [CERN](#), the European Organization for Nuclear Research and one of the world's largest and most respected centres for scientific research, has announced it will join the first-of-its-kind global celebration of the [World Quantum Day](#) on 14 April 2022, which marks the first anniversary of the initiative launched by scientists from more than 65 countries to promote public understanding of quantum science and technology worldwide.

To mark the first anniversary of this global celebration, CERN is organising a scientific symposium comprising a series of talks highlighting different areas of the quantum research field. From the history of quantum information to examples of concrete quantum-related projects already under way at CERN, the discussions will explore the past, present and future of quantum science and technology within the high-energy physics (HEP) community and beyond.

Among the keynote speakers are John Ellis and Nicolas Gisin. In their joint opening talk, they will outline the early days of quantum science at CERN and what that pioneering effort means for modern research. Their talk will be followed by three presentations on experimental quantum physics, quantum computing applications and the CERN Quantum Technology Initiative (QTI).

The event will take place in the CERN Council Chamber on 14 April from 4.30 to 6.00 p.m. CEST and will also be webcast live: <https://webcast.web.cern.ch/event/i1145733>. Some previous knowledge of quantum physics is required to follow the talks, except for the final presentation on CERN QTI, which will aim to provide a broad overview of quantum-related research and educational activities at CERN.