



## PRESS RELEASE

# **CRS4, the first Italian institution recognised by the international organisation QWorld for the quantum computing dissemination**

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The Center for Advanced Studies, Research and Development in Sardinia **CRS4**, at the forefront of the digital world for over thirty years - in 1993 [www.crs4.it](http://www.crs4.it) was the first website in Italy – **is the first Italian institution to join the international network of operational groups within the QWorld organisation, under the headline of QItaly.**

QWorld ([www.qworld.net](http://www.qworld.net)), which includes 29 nations, is an international organisation that brings together researchers and computing experts from all over the world with the aim of disseminating quantum technologies and software as well as training the next generation of scientists in the field of quantum computing.

CRS4, with its quantum computing team, will be responsible, as the Italian referent QItaly ([www.qworld.net/qitaly/](http://www.qworld.net/qitaly/)) and in collaboration with QWorld, for increasing the number of free training and dissemination events at national level, thus involving local communities to facilitate their interaction with the global context. The goal promoted by QWorld is to contribute to the creation of an open and inclusive quantum ecosystem. A first step in this direction has already been taken by CRS4 in the CTE - Cagliari Digital Lab project framework, where a quantum computing workshop was organised. More than 200 participants remotely connected from all over the world have been engaged and 112 of them have passed the tests to obtain a specific certificate.

**Giacomo Cao, CRS4 sole administrator:** “I am proud to highlight that in just over three years the Centre, thanks to the enthusiasm and skills of our researchers Giuliana Siddi Moreau, Erminia Leonardi, Manuela Profir, Lorenzo Pisani and the technologist Carlo Podda, led by the director Lidia Leoni, has managed to establish itself in the international scenario of quantum computing. The cherry on the cake from a scientific and technological perspective will be represented by the hoped-for acquisition of the first quantum computer in Italy, and among the very first in Europe, which will lead Sardinia to become an international point of reference on this topic thus allowing for the resolution of extremely complex problems even for current supercomputers in fields such as artificial intelligence, cybersecurity, research into innovative materials and drugs, genomics and proteomics”.



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**Lorraine Tsitsi Majiri- Coordinator of the QCousins network:** “Our goal is uniting quantum minds, forging limitless possibilities together, to popularize and educate about quantum technologies”

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