Call for contribution of expertise

CERN invites collaborating institutes and universities to contribute with the expertise of their qualified employees to the activity described below.

Start date: asap	*Duration:* One-year, possible extension to a maximum of up to three years.

Project/Activity: Quantum Computing developer

Detailed description of Activity:

- Execution of the program of work of the QUOG-DP ATTRACT project
- Implementation of a quantum code in collaboration with Google and the ALICE computing project to optimize job and data placement on the Grid.
- Deployment and testing of the optimisation strategy on the ALICE Grid.

Profile: Master or Bachelor degree in computer science. Experience in quantum computing would be an asset

Specific details: Quantum software development work. Knowledge of the Google quantum programming environment would be an asset.

Status at CERN: Associated Member of the Personnel (Project Associate).

Conditions in accordance with CERN's Staff Rules and Regulations and Administrative Circular No. 11. Subsistence allowance is payable by CERN to cover the additional cost arising from the individual's (and, as applicable, their family's) stay in the local area while performing activities at CERN.

Option: Collaborating institutes and universities can propose to support the activity of the qualified employees participating in this "Call for contribution of expertise" with students or other employees. Their status and Subsistence allowance when applicable will be adapted to their relation with their institutions

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