

Call for contribution of expertise

CERN invites collaborating institutes and universities to contribute 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: CLIC

Detailed description of Activity:

Update of the magnetic system for the new baseline of a staged compact linear collider, support for electromagnetic calculations of normal conducting and permanent magnets for the CERN accelerator complex.

Review and update of the magnetic and powering parameters (including data from magnetic measurements) of all normal conducting magnets at CERN, with update and validation of the database.

Profile: Electro-mechanical engineer or applied physicist with experience in FE simulations of electromagnetic fields

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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Reference: 2017_2Q_001