



Electronics Technician (BE-CEM-IN-2025-141-GRAE)

Your responsibilities

Are you passionate about cutting-edge control systems and embedded technologies?

Our [Infrastructure section within the Controls Electronics and Mechatronics group of the Beams Department](#) is looking for a new colleague to join them. The team is responsible for the deployment, monitoring and maintenance of accelerator controls, embedded frontend systems, and fieldbuses.

In this role, you will:

- Configure and deploy embedded frontend systems (VME, IPC, mTCA, PXIe) and fieldbus components (WorldFIP, General Machine Timing (GMT), White Rabbit).
- Support and troubleshoot operational equipment, ensuring smooth accelerator controls and rapid issue resolution.
- Perform corrective maintenance on deployed systems to guarantee reliability and performance.
- Manage hardware assets and documentation, keeping track of deployed components and system configurations.
- Collaborate closely with accelerator teams, adapting to user community requirements to enhance control systems.

Skills:

Hands-on experience with:

- Embedded computers;
- Fieldbuses & signal transmission;
- Linux & Shell scripting;
- Asset management;
- Spoken and written English or French, with a commitment to learn the basics of the other language.

Eligibility criteria:

- You are a national of a [CERN Member or Associate Member State](#).
- **By the application deadline**, you have a **maximum of two years of professional experience since graduation** in Electronic Technician (or a related field) **and your highest educational qualification is a general secondary education diploma**.
- You have never had a CERN fellow or graduate contract before.
- Applicants with a Bachelor's, Master's or PhD degree are not eligible.

Additional Information

Job closing date: **24.09.2025 at 23:59 CEST.**

Contract duration: 24 months, with a possible extension up to 36 months maximum.

Working hours: 40 hours per week

Target start date: 01-January-2026

Job reference: BE-CEM-IN-2025-141-GRAE

Field of work: Electrical or Electronics Engineering

What we offer

- A monthly stipend of **4624 Swiss Francs (net of tax).**
- Coverage by CERN's comprehensive **health scheme** (for yourself, your spouse and children), and membership of the CERN **Pension Fund**.
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- Depending on your individual circumstances: installation grant; family, child and infant allowances; payment of travel expenses at the beginning and end of contract.
- **30 days of paid leave per year.**
- On-the-job and formal training at CERN as well as in-house language courses for English and/or French.

