

Firmware Engineer (electronic equipment)

General information

Place of employment: Laboratory of High Energy Physics, JINR, Dubna

Published Date: 22 March 2021

Duration of the contract: up to 5 years

Deadline for application: 01 July 2021

Share of work: full time, 8h

Remuneration: 800,000 – 2,700,000 roubles per year (depending on experience, qualifications and interview results), income tax of 13% is applied (regulations of the Russian Federation); employer provides family insurance and helps with housing provision

Desired level of education: higher professional education

Experience required: 3 years in electronics development

Job description

The successful candidate will be a member of the Accelerator division at VBLHEP JINR. The division work is focused on the development of the NICA accelerator facility. ***The candidate will be involved in the development of electronic equipment.***

Skills

Experience in the development and commissioning of analog and digital electronic equipment and circuitry for beam diagnostics, monitoring and control devices at the intermediate and higher levels. Knowledge of programming techniques and basic design flows for systems based on FPGA (FPGA) and knowledge of CAD for PCB laying at the level "above average".

Knowledge of English at the level of negotiating with foreign specialists and participating in international conferences. Knowledge of tools for planning the work process.

Constraints and risks

Shift work and weekend work may be necessary. The work will be carried out at accelerator facilities whereby the necessary authorizations will be issued following the annual medical examination arranged by the employer.

How to apply

Applicants should submit a detailed CV, a summary of research interests, a list of publications, highlighting representative publications, and arrange to have at least two reference letters sent by the referees to the email address below. These documents should be addressed to Prof. V.D. Kekelidze and sent to Anna Rassadova, rassadova@jinr.ru.

Short-listed candidates will be invited to an interview, remotely or in person.