

Czech Technical University in Prague  
Faculty of Nuclear Sciences and Physical Engineering

Project Centre of Advanced Applied Sciences CZ.02.1.01/0.0/0.0/16\_019/0000778  
announces a **postdoctoral position**  
with the expected starting date on **August 1, 2021**.

**Job description:**

The position is established within the project Centre of Advanced Applied Sciences CZ.02.1.01/0.0/0.0/16\_019/0000778. The position is for one year, starting on August 1, 2021 (the precise date is negotiable), with the possibility of extension to a second year upon mutual agreement. The selected postdoctoral scientist is expected to strengthen the existing research team at the Faculty of Nuclear Sciences and Physical Engineering, Czech Technical University in Prague. The team actively participates in research of the quark-gluon plasma, cold nuclear matter and ultra-peripheral collisions in the ALICE experiment at the LHC at CERN and in the STAR experiment at the Relativistic Heavy Ion Collider (RHIC) at BNL. The team has also recently joined activities toward preparations of a new experiment at the Electron-Ion Collider (EIC) at BNL.

**Main responsibilities of the applicant:**

Involvement in scientific research activities of the research group of doc. Mgr. Jaroslav Bielčík Ph.D., in particular:

- physics analysis of data from the STAR experiment at RHIC;
- preparation of the EIC@IP6 detector for the Electron-Ion Collider at BNL;
- publication of scientific research results.

**Required qualifications:**

- Ph.D. in nuclear or particle physics (or equivalent) obtained preferably after August 1, 2016;
- experience in scientific research within a professional research team, preferably in the field of particle or nuclear physics;
- good knowledge of English, both written and verbal;
- working knowledge of a modern programming language (*e.g.* C, C++, Python);

**Offered salary:**

The gross salary is approximately 52 000 CZK monthly before tax.

**Submission of applications:**

Complete application packages should be delivered by **June 15, 2021**; applications submitted later will be taken into consideration only if no suitable candidate is found among the candidates applying in due time.

The application must include:

- Curriculum Vitae of the candidate (including list of publications);

- brief statement of research interests;
- copy of Ph.D. degree diploma;
- 3 letters of reference sent directly by the persons providing the reference

The applications and the letters of reference should be sent electronically to Mgr. Zdeňka Císlerová (zdenka.cislerova@fjfi.cvut.cz).

For further information about the position, please contact doc. Mgr. Jaroslav Bielčík Ph.D. (jaroslav.bielcik@fjfi.cvut.cz).