**Postdoctoral Fellowship in Mathematics (Prague)**

The group of *Methods of Algebra and Functional Analysis in Applications of the Faculty of Nuclear Sciences and Physical Engineering of the Czech Technical University in Prague* invites applications for a research postdoctoral position in Mathematics within the scope of the project

*New challenges for spectral theory: geometry, artificial materials and complex fields,*

with a special emphasis put on phenomena encountered in the newly developing fields of quantum mechanics with non-Hermitian operators, metamaterials, spectral-geometric properties of nanostructures, and spectral analysis of structured matrices.

The position is for **6 months**, starting in March 2023. The gross salary is approximately 60 000 CZK per month. There are no teaching duties associated with the position.

Applicants should have a PhD in Mathematics or Theoretical Physics (or equivalent) obtained preferably after January 1, 2018. They must show very strong research promise in at least one of the following research domains:

- geometric analysis;
- spectral theory;
- partial differential equations.

Previous experience in the area of the project is an advantage but not necessary.

The applications including

1. curriculum vitae (including list of publications);
2. PhD thesis;
3. two letters of recommendation;

should be sent by e-mail to David Krejčířík (david.krejcirik@fjfi.cvut.cz). All documents should be submitted as pdf files.

Complete application packages should be received by **December 16, 2022**.

For any further information about the fellowship please contact David Krejčířík on the e-mail address above.

*Given in Prague, October 21, 2022*