

# Postdoctoral Research Position

## Cryptography Research Group at Mathematical Center in Akademgorodok

Mathematical Center in Akademgorodok announces a postdoctoral fellowship position available in cryptography and algebraic coding theory. The application deadline is **June 15, 2021**. Fellowship starts January 1, 2022 (or later upon mutual agreement). More details on [english.nsu.ru/mca/jobs](http://english.nsu.ru/mca/jobs)



### Fellowship Description

Our group is focused on:

- Discrete mathematics;
- Cryptographic boolean functions (particularly, bent functions and APN-functions);
- Block ciphers and S-boxes, cryptanalysis of symmetric ciphers;
- Lightweight cryptography and IoT;
- Blockchain technologies and their applications;
- Quantum and post quantum cryptography, etc.

More details can be found on [crypto.nsu.ru](http://crypto.nsu.ru)

The appointment carries a twelve-month salary of up to 120,000 Russian rubles monthly and may be eligible for renewal for up to three years. Housing assistance is provided either in the form of free institution-owned housing or via a fixed housing allowance of

20,000 Russian rubles per month. Postdoc fellow is also provided with partial travel assistance to attend international conferences.

## Fellowship Applicant Profile



- PhD within the last five years in Mathematics, Computers Science, or related field;
- Maximum Age: 36;
- Research focus in algebraic coding theory and cryptography;
- Language proficiency in English;
- Scientific publication experience;
- A willingness to teach undergraduate and graduate courses and cooperate in joint scientific projects.

## All applications must include the following:

- A brief cover letter;
- A current curriculum vitae;
- Research proposal;
- Contacts of two referees;
- Abstract of the research proposal.

Submit your materials at

[english.nsu.ru/mca/jobs](http://english.nsu.ru/mca/jobs)



Please direct inquiries to [english.nsu.ru/mca/jobs](http://english.nsu.ru/mca/jobs)

