

Institute of Mathematics, Physics and Mechanics, Jadranska ulica 19, 1000 Ljubljana, announces

**JOB VACANCY
for the position of
POSTDOCTORAL RESEARCHER**

We are announcing **three positions** for the job of **Assistant with a Doctorate degree**.

One position is available at the **Department of Theoretical Computer Science** in the area of Computationally intensive methods in theoretical computer science, discrete mathematics, combinatorial optimization, and numerical analysis and algebra with applications in natural and social sciences (code P1-0294).

Two positions are available at the **Department of Mathematics**, each in one of the following areas:

- Algebra, operator theory and financial mathematics (code P1-0222)
- Algebra, discrete mathematics, probability and game theory (code P1-0285)
- Algebra and its applications (code P1-0288)
- Analysis and geometry (code P1-0291)
- Topology and its applications (code P1-0292)
- Graph theory (code P1-0297)

(please see http://www.imfm.si/research/research-programs/view?set_language=en)

Job Description:

- conducting scientific research in accordance with legislation in the field of scientific research and innovation activities,
- publishing professional and scientific articles,
- preparing project proposals.

Required education and title:

- completed Doctorate degree,
- appointment to the title of Assistant with a Doctorate degree.

The condition for appointment to the title must be fulfilled no later than the day of signing the employment contract.

We expect that the candidate:

- is able to conduct research work and independently lead smaller projects,
- will publish research papers,
- is fluent in English.

What we offer:

- dynamic research work with opportunities for personal and professional development,
- employment for **a fixed term of 12 months**, with the anticipated start date of **October 1, 2025**, or an earlier agreed date,
- financial support for participating in scientific meetings up to 3000 EUR,
- possibility of a contract extension.

Ensuring equal opportunities:

The Institute of Mathematics, Physics and Mechanics ensures gender equality and prevents any form of discrimination among individuals applying for vacant positions.

Candidates are invited to submit their application, **specifying the area** they are applying for, to the email address katarina.music@imfm.si, **no later than February 15, 2025**.

The application should include:

- 1) a brief curriculum vitae
- 2) a motivation letter
- 3) evidence of education

In addition, applicants should request **two senior researchers to send their letters of support** directly to the same email address.

The contact person regarding the vacancy is prof. dr. Peter Šemrl, available at the email address peter.semrl@mf.uni-lj.si.

The selected candidates will be invited for an interview via email.

Ljubljana, January 15, 2025

Director,
prof. dr. Peter Šemrl