

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

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

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

The basic terms used in this document are in the masculine grammatical form and are applicable to all genders equally.

The positions are available for:

- a) One candidate to work within the research program **Topology and its applications** (code P1-0292).

Topic Description: The candidate will work on research problems in applied and computational algebraic topology (ACAT).

And

- b) One candidate to work within the research program **Graph Theory** (code P1-0297).

Topic Description: The candidate will be involved in research work in graph theory with the emphasis on graph domination and graph colorings. The employment will be in Maribor, where a number of researchers from the program group »Graph Theory« (see <https://cris.cobiss.net/ecris/si/en/project/18900>) are located.

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, participating in marketing, and ensuring their proper and high-quality implementation.

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.

Candidates with Slovenian citizenship who have completed their Doctorate degree abroad will be given preference in the selection process.

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, 2023,
- Possibility of 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, including a brief curriculum vitae, personal expectations, and evidence of education, to the email address tanja.cvek@imfm.si, **no later than July 5, 2023**.

The contact persons regarding the vacancies are:

a) For program Topology and its applications - Prof. Dr. Petar Pavešić, reachable at the email address petar.pavesic@fmf.uni-lj.si;

And

b) For program Graph Theory – Prof. Dr. Boštjan Brešar, reachable at the email address bostjan.bresar@um.si.

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

Ljubljana, June 27, 2023

Director, Prof. Dr. Peter Šemrl