

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

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

We are announcing a position 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 position is available for one candidate to work within the research program **Computational Intensive Methods in Theoretical Computer Science, Discrete Mathematics, Combinatorial Optimization, Numerical Analysis, and Algebra Applied in Natural Sciences and Social Sciences** (code P1-0294).

**Topic Description:** The candidate will work on research problems in algebraic combinatorics, symmetries of discrete objects and/or computationally intensive methods in mathematics. They will form a part of a vivid research group CIMM (Computationally intensive mathematical methods; see <http://cimm.imfm.si/>) at the Institute of Mathematics, Physics and Mechanics.

**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, part-time job** (20 hours per week), with the anticipated start date of **September 1, 2023**,
- Possibility of contract extension.

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](mailto:tanja.cvek@imfm.si), **no later than July 11, 2023**.

The contact person regarding the vacancy is Prof. Dr. Primož Potočnik, head of the research program P1-0294, reachable at the email address [primoz.potocnik@fmf.uni-lj.si](mailto:primoz.potocnik@fmf.uni-lj.si).

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

Ljubljana, July 5, 2023

Director, Prof. Dr. Peter Šemrl