

CALL FOR PHD FELLOWSHIPS AT THE DEPARTMENT OF MATHEMATICS AND STATISTICS, MASARYK UNIVERSITY

The Department of Mathematics and Statistics at Masaryk University invites applications for fellowships for PhD studies, at the date depending on mutual agreement.

The main research areas of the department are:

- Category theory
- Number theory
- Ordered sets
- Semigroup theory
- Geometric complex analysis
- Lie theory and geometric theory differential equations
- Algebraic and geometric structures of Mathematical Physics
- Geometric aspects of algebraic topology
- Nonlinear differential and difference equations
- Limit periodic and almost periodic systems
- Hamiltonian and symplectic systems
- Calculus of variations and optimal control
- Mathematical modelling
- Statistics and data analysis

More details concerning the research areas can be found at

<http://www.math.muni.cz/english/science-and-research/research-and-educational-activities.html>
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The fellowships in the amount of 19 000 CZK per month are initially for two semesters with a

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possibility of extension, conditional on the student's performance. The candidates must hold a Master degree (before starting the PhD studies), or equivalent. They should submit a letter of application accompanied by a CV including their study history and a motivation letter to Martin Kolář (mkolar@math.muni.cz).

They should also arrange for at least 2 letters of recommendation to be mailed directly to mkolar@math.muni.cz

The applications will be assessed continuously. The successful applicants will be notified as soon as possible, but not later than 60 days after the submission.