



---

## Researcher position in the Department of Constructive Methods of Mathematical Analysis

Appointment Period: **2 years**

Appointment type: **Full time regular employment contract**

Position starting date: **May 2<sup>nd</sup>, 2018**

Deadline for applications: **March 12<sup>th</sup>, 2018**

A two years researcher position is available in the Department of Constructive Methods of Mathematical Analysis of the Institute of Mathematics CAS, see <http://www.math.cas.cz>. This is a **tenure track position**; after two years the candidate will be evaluated and, in the positive case, offered a long term position in accordance with the Career Rules of the Czech Academy of Sciences.

The successful candidate will perform mathematical research devoted to the mathematical theory of the Navier-Stokes-Fourier, Euler and related systems arising in fluid mechanics. The successful applicant is expected to develop numerical methods for solving various flow problems related to the dynamics of compressible and heat conducting fluids. The task will include analysis of discretization methods and their implementation with emphasis on efficiency, robustness and reliability.

The following documents are required:

- **CV**
- **List of publications**
- **Motivation letter**
- **2 letters of reference**

Applications for the position must be submitted exclusively using the electronic submission system at <https://application.math.cas.cz/Positions.html>.

Informal enquiries should be directed to the Project Manager, Dr. Beata Kubis [kubisb@math.cas.cz](mailto:kubisb@math.cas.cz).

Only complete applications (including the letters of references) received before **March 12, 2018** will be considered.

The successful applicant will be notified by April 15, 2018.

Jiří Rákosník  
Director