



Postdoc in the Mathematical Thermodynamics of Fluids

Appointment Period: 2 years

Starting date: May 1st, 2016

Salary: approximately EUR 22,000 p.a. (before taxes)

A two-year postdoctoral position is available within the framework of the European Research Council Advanced Grant *Mathematical Thermodynamics of Fluids (MATHEF)* under the direction of Prof. Eduard Feireisl. The successful candidate will be based in the [Institute of Mathematics of the Czech Academy of Sciences](#) in Prague, performing mathematical research on the part of the project devoted to the mathematical theory of the Navier-Stokes-Fourier and related systems. The successful applicant is expected to perform mathematical research on the part of the project devoted to the mathematical theory of the Navier-Stokes-Fourier and related systems, the problems of well posedness, regularity, the multi-scale analysis and mathematical treatment of the associated singular limits, as well as related numerical issues. The applicant is also expected to take part in the activities of the research group of the Institute of Mathematics, in particular, the seminars, international schools, and workshops.

Applications are invited from candidates who have completed their Ph.D. within the last 5 years (or will complete their Ph.D. degree by the end of April 2016), and who have strong background in the mathematical theory and numerical solution of partial differential equations, including good knowledge of numerical methods. Publications as well as other activities and professional achievements will be judged by the stage of their career. Informal enquiries should be directed to the Project Manager, [Dr. Beata Kubis \(kubisb@math.cas.cz\)](mailto:kubisb@math.cas.cz).

The following documents are required:

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

Application for the position must be submitted exclusively using the electronic submission system at

<https://application.math.cas.cz/Positions.html>.

Only complete applications (including the letters of references) received before March 18, 2016 will be considered.

The successful applicant will be notified by March 31, 2016.

Jiří Rákosník
Director