Ph.D. Student position in the project *Feasibility, logic and randomness in computational complexity*

Pending final approval by the ERC the following position will be available.

Appointment period: up to 4 years
Starting date: 01.01.2014
Salary: EUR 22,000 per annum (before tax)

A four-year Ph.D. student position is available, with the goal to support the elaboration of the applicant's Ph.D. Thesis in the framework of the European Research Council Advanced Grant

Feasibility, logic and randomness in computational complexity (FEALORA)

under the direction of Professor Pavel Pudlák. For a description of this project, see http://www.math.cas.cz/~pudlak/FEALORAdescription.pdf**.**

The successful candidate will enroll in the Ph.D. program of the Faculty of Mathematics and Physics of the Charles University in Prague. Note that many courses at Charles University are given in English, so knowledge of the Czech language is not required.

The Institute of Mathematics of the Academy of Sciences of the Czech Republic in Prague will provide the student with office space and salary. The thesis will be supervised by the principal investigator of the project (or by one of his co-investigators). The students are expected to research problems related to the project. Further, they should also take part in other activities of the research group of the Institute of Mathematics such as seminars and workshops.

Applications are invited from candidates who have completed or will complete their master degree in Mathematics, or Theoretical Computer Science before December 30, 2013, and who have good knowledge of mathematical logic and/or computational complexity. At least basic knowledge of English is required.

Informal enquiries should be directed to the Project Manager, Dr. Beata Kubiś (kubisb@math.cas.cz).

Interested applicants should send the following documents

1. **cover letter** (including basic personal data)

2. their **CV** (including a list of publications and presentations, if there are any, and taken courses on computational complexity and logic)

by e-mail to mathinst@math.cas.cz,

and should arrange for **one letter of reference** to be sent to mathinst@math.cas.cz. The institute will confirm the receipt of the documents.

Only applications (including the letter of reference) received before **November 15, 2013** will be considered.

All applicants will be notified by November 30, 2013.