Postdoctoral Position in Meteor Physics at the Astronomical Institute of the Czech Academy of Sciences

Closing date: 2019-09-15

The Group of Meteor Physics at the Astronomical Institute of the Czech Academy of Sciences in Ondřejov, Czech Republic invites application for a postdoctoral position, which will be open from January 1, 2020 in scope of the project Compositional and orbital mapping of meteoroid sources in the Solar System funded by the Czech Science Foundation.

The successful candidate will work under the leadership of Dr. Jiří Borovička with collaboration with Dr. Pavel Spurný on the analysis and interpretation of data from the European Fireball Network. The possible topics include analysis of fireball spectra, modeling of meteoroid atmospheric fragmentation on the basis of fireball data (light curves, deceleration, morphology), orbital integrations or search for parent bodies.

Astronomical Institute is a Public Research Institution and the largest professional astronomical organization in the Czech Republic. It is located at the Ondřejov Observatory near Prague (see http://www.asu.cas.cz/en/). The European Fireball Network is the world’s longest operating fireball network. The headquarters have been in Ondřejov since the network was established in 1963. The network has been modernized and digitized in the recent years, which led e.g. to the recovery of four meteorites and to the discovery of a new branch of the Taurid meteoroid stream.

The appointment is initially for one year; an extension is expected upon satisfactory scientific performance. A necessary condition is to satisfy legal requirements for the employment in Czech Republic (EU member state). Salary will be based on the domestic level and it includes health insurance. There is a possibility of institute accommodation in Ondřejov.

Successful candidates must hold PhD degree not older than 8 years at the time of start of the employment (in case of maternity leave or long-term illness, these periods are not counted into the limit). Applications can be submitted before finishing PhD, in which case a statement from the supervisor stating the planned date of the defense should be included.

Applications (containing Curriculum Vitae and List of Publications) are to be submitted by email to:

jiri.borovicka@asu.cas.cz.

The deadline is September 15, 2019 (but the position will remain open until filled). The applicant should also ask two referees familiar with his/her work to send a letter of recommendation to the same address with the same deadline. For additional questions please also use the same email address.