

Post-doctoral position in observational astronomy

Applications are invited for 1 postdoctoral position at the Nicolaus Copernicus Astronomical Center of the Polish Science Academy (CAMK PAN), in Warsaw, Poland, in the field of extragalactic distance scale.

CAMK PAN is the leading astrophysical institute in Poland, hosting about 50 staff researchers and 30 PhD students. CAMK PAN scientists participate in many international projects.

A successful applicant will work with Prof. Grzegorz Pietrzynski as the Principal Investigator on the project "A precision and accurate Hubble constant determination in the era of Gaia". The position will be funded from a Polish National Science Centre (NCN) MAESTRO research grant (UMO-2017/26/A/ST9/00446). Generous funding for travel and excellent working environment is secured. This position is offered for two years with a possibility of extension.

The scope of the work will focus on pulsating stars and eclipsing binary systems. The selected candidate will choose to work on pulsating stars, eclipsing binaries or both topics. Another topic complementary to our research line would be also welcome. She/he will be a part of the Araucaria group, which dedicated the last 20 years to distance determinations with different distance indicators in order to significantly improve the Hubble constant determination with Cepheids and SN Ia. Currently the whole scientific group consists of some 15 astronomers in CAMK and another 20 in several different countries. Our group operates a collection of small telescopes located in Cerro Armazones Observatory, Chile, just in front of the construction place of the E-ELT. Exceptional weather conditions make this observatory an excellent tool for our research project. We plan to significantly expand this observatory building 4 new telescopes (0.8 – 2.5m). Therefore candidates with observing / instrumental skills would find an excellent environment.

Requirements to be met by candidates include the following:

1. Valid PhD degree in physics or astronomy (the degree must be obtained by the date of the employment as the latest)
2. Proven track record of publications
3. Experience in work in the field of pulsating stars and eclipsing binary systems
4. Good command of English to enable efficient communication with the team and preparation of scientific reports and publications
5. Additional assets: enthusiasm for work, independence, high personal culture, ability to work in a team

The person recruited in result of this competition must also meet all of the following conditions:

- (a) is not a person for whom the Principal Investigator was a promoter or assistant promoter in his/her doctoral dissertation;
- b) within the last two years before taking up employment in the project, has not been employed on the basis of an employment contract in CAMK PAN;
- c) during the employment in the project she/he will not receive any other remuneration from the funds allocated within the direct costs from any other research projects financed by NCN;
- d) during the employment in the project will not be employed by another employer on the basis of an employment contract, including an employer based outside the territory of Poland.

The preferred starting date for the position is September 2021, but is to some extent negotiable. The salary of the successful candidate will be comparable to that of Polish researchers at the same career stage.

Applications (in pdf format) should be submitted by e-mail with a subject "Postdoc competition" to recruitment@camk.edu.pl and they must include:

1. CV including an information clause available at:
https://www.camk.edu.pl/en/media/uploads_current/intranet/dokumenty/ogolne/2018/gdpr.pdf
2. List of publications
3. Copy of the PhD diploma
4. Short statement of research achievements and plans (maximum 2 pages)

Questions about the position can be sent to: pietrzyn@camk.edu.pl

For full consideration, applications should be received by **30th April 2021**

The review of the applications will begin soon after this date and continue until the position is filled.