



## Center for Theoretical Physics PAS

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### Two post-doctoral positions at Center for Theoretical Physics

The Director of the Center for Theoretical Physics PAS invites applications for two **post-doctoral positions** at the CTP PAS, financed from the project „Constraints on the dark energy properties from observations of active galaxies” Nr DEC 2017/26/A/ST9/00756. PI of the project is Prof. Bożena Czerny.

At the time of application the candidates should either have a PhD degree, obtained not earlier than in 2011, or will obtain a PhD degree before signing the job contract. We search for candidates interested in the research in the domain of **astrophysics**. Candidates with previous experience in astrophysics, and in particular in optical observations and in programming, are particularly welcome. Among the tasks of the employed scientists will be the development of the tools for calculating the time delay of the emission lines with respect to the continuum in spectroscopic data, development of the appropriate tools for photometric data in the context of LSST, and determination of the constraints on the dark energy parameters from the existing spectroscopic data. More details about the project can be found at the web site of CTP (link below).

Candidates should submit before **June 10, 2016**, the following documents to the Secretariat of the Center, Al. Lotników 32/46, Warsaw:

1. The scientific CV, including the major scientific achievements, list of publications, participation in research projects and conferences, and the

document must contain a statement: “I consent to the processing of my personal data for the needs of the recruitment process (in accordance with the Law dated 29.08.97 on the protection of personal data (Journal of Laws, No. 101, item 926)”.

2. Personal questionnaire form (should be downloaded from CTP web site)
3. Three names of the referees, with contact information, including e-mail addresses
4. Certified copy of the PhD diploma or the letter from the supervisor about the prospects for completion of the Thesis before the beginning of the employment.

Documents can be sent by e-mail to [cft@cft.edu.pl](mailto:cft@cft.edu.pl). Questions about the project and employment conditions should be sent directly to Prof. Bożena Czerny ([bcz@cft.edu.pl](mailto:bcz@cft.edu.pl)).

Review of applications is expected before June 30, 2016. Applicants will be informed about the results by e-mail. The selected candidate will be employed for a period of 24 months, with the possibility of extension for an additional year. The starting date of the employment is envisaged to be 1 July – 1 September 2018, but is to some extent negotiable.

More about the project: <http://www.cft.edu.pl/users/czerny/en>

Dyrektor  
Centrum Fizyki Teoretycznej PAN  
*[Signature]*  
dr hab. Lech Mańkiewicz