



# Center for Theoretical Physics PAS

Al. Lotników 32/46, 02-668 Warsaw, Poland

Phone: (+48 22) 847 09 20, Fax: (+48 22) 843 13 69

Email: [cft@cft.edu.pl](mailto:cft@cft.edu.pl)

Warsaw, June 8, 2017

## PhD position at Center for Theoretical Physics

The Director of the Center for Theoretical Physics PAS invites applications for two PhD positions at CTP PAS, financed from the project “*Hyperaccretion of matter onto a black hole*”, supported by the National Science Center decision No. UMO-2016/23/B/ST9/03114.

The principal investigator of the grant is prof. Agnieszka Janiuk.

The topic of research is related to computational astrophysics. Main focus is given to the accretion of matter onto black hole in the gamma ray bursts.

Scholarships cover a tax-free living allowance for 3 years. The starting date is envisaged on October 1st, 2017. The students will be enlisted as participants of the PhD program in the Institute of Physics, PAS, following their individual program. The subject of the thesis will be related to the topic of the grant. Apart from the stipend, students will also be eligible for support for equipment and international travel to attend schools and conferences.

Applicants must hold a Master’s degree or equivalent in astrophysics, physics, computational science or a related area. A good command of English and fluency in Linux operating system is required, and skills in parallel computing are an advantage.

The application must include:

1. Cover letter, including a motivation of preference for the above mentioned project
2. Curriculum Vitae (summarizing education, positions and academic work - scientific publications)
3. Personal Questionnaire form (downloaded from the Institute webpage)
4. Names and contact details of 1-2 references (name, affiliation, relation to candidate, e-mail and telephone number)
5. Transcript of records from their University
6. Certified copy of the MSc diploma, or a statement from the Supervisor regarding the prospects for completing the thesis before the starting date

Foreign applicants are advised to attach an explanation of their University’s grading system.

Submissions are to be received electronically (only pdf files) at the email address [agnes@cft.edu.pl](mailto:agnes@cft.edu.pl) by the closing date of **August 31, 2017**.

More information about the astrophysics group at CTP PAS can be found on our webpage, under address [www.cft.edu.pl/astrofizyka](http://www.cft.edu.pl/astrofizyka).

All questions should be sent to prof. Agnieszka Janiuk, at [agnes@cft.edu.pl](mailto:agnes@cft.edu.pl)

Lech

Mankiewicz

Elektronicznie podpisany przez Lech  
Mankiewicz  
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