



# Centrum Fizyki Teoretycznej Polskiej Akademii Nauk

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NIP 525-000-92-81 REGON 000844815

Warsaw 18.01.2013 r.

## Open PhD position in astrophysics

Center for Theoretical Physics, PAS, invites applications for a PhD position, founded from the research grant "Astrophysics of the processes around compact objects" under the supervision of prof. Agnieszka Janiuk.

We invite graduates with an MSc in astronomy, physics or related discipline. The candidates must have a degree or provide evidence in the form of a letter from their supervisor that they will obtain their MSc degree before the starting date.

The application should contain cover letter, curriculum vitae, a list of university courses taken with grades, and a statement of motivation, research interests and experience (1 page maximum) as well as photocopies of passport/ID and MSc diploma. Also, one reference letter should be arranged and sent directly to [agnes@cft.edu.pl](mailto:agnes@cft.edu.pl).

The appointment will be initially for 1 year with further extension for additional 3 years subject to satisfactory performance. During this time the candidate should prepare and defend his/her PhD dissertation. The research will include multi-dimensional numerical simulations of astrophysical plasmas, in the cosmic objects such as black hole and neutron star X-ray binaries, quasars and gamma ray bursts. The observed phenomena span a large range of energy spectrum (radio, optical, X, and high-energy gamma-rays) as well as various timescales for theoretical modeling.

Applications should be sent by e-mail to [agnes@cft.edu.pl](mailto:agnes@cft.edu.pl) with CC to [cft@cft.edu.pl](mailto:cft@cft.edu.pl), as well as the signed hardcopies must be delivered to:

Center for Theoretical Physics  
Al. Lotników 32/46  
02-668 Warsaw, Poland  
- with a note "PhD application"

before the **deadline of May 06, 2013**. The starting date of the appointment is scheduled for July 1 2013. The starting date is negotiable.

The PhD students in Center for Theoretical Physics are appointed as regular employees and are

therefore entitled to all benefits. The salary will be commensurate with salaries at our institute for researchers of similar status. The successful candidate will have access to computational facilities and travel support.

For further questions please contact: prof. Agnieszka Janiuk (agnes@cft.edu.pl)

Dyrektor  
Centrum Fizyki Teoretycznej PAN  
dr hab. Leon Mankiewicz