



Center for Theoretical Physics
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Post-doctoral position at Center for Theoretical Physics

The Director of the Center for Theoretical Physics invites applications for a **postdoctoral position** at the CTP PAS, financed from the project „*Local relativistic perturbation theory in hydrodynamics and cosmology*” No. 2016/22/E/ST9/00578 (SONATA BIS 6) supported by the National Science Center, decision No. DEC-2016/22/E/ST9/00578. The principal investigator is Prof. Mikołaj Korzyński. The position starts on September 1st, 2017.

The position requires a PhD in theoretical or computational physics and experience in numerical relativity, computational hydrodynamics, MHD or compatible field. A background in astrophysics, general relativity or cosmology and experience with the EinsteinToolkit framework would be an advantage.

The group of Mikołaj Korzyński will work on the application of numerical relativity to cosmology, especially the problems of structure formation and the light propagation through spacetime, combining numerics, stochastic and perturbative methods.

The applicants should submit the following documents:

- cover letter including the statement „*I hereby give consent for my personal data included in the job offer to be processed for the purposes of recruitment under the Data Protection Act 1997 (Dz. U. no. 101, item 926)*”
- a scientific CV, including the list of publications and major scientific achievements
- brief description of research interests
- copy of the PhD diploma
- personal questionnaire form from the CTP PAS webpage

via email directly to Mikołaj Korzyński (korzynski@cft.edu.pl). Additionally they should arrange for two letters of recommendation to be sent to the same email address. Applicants expecting to obtain their PhD soon should also include a statement from their supervisors about the scheduled date of their defence.

The deadline for applications is June 30th, 2017. Selected applicants will be invited for an interview. Successful applicant will be employed for the trial period of 12 months, with the possibility of extension for up to 3 further years.

For more information please contact Mikołaj Korzyński (korzynski@cft.edu.pl).

Dyrektor
Centrum Fizyki Teoretycznej PAN
[Signature]
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