



Center for Theoretical Physics

Polish Academy of Sciences

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

Tel. (+48 22) 847 09 20, Fax/Tel: (+48 22) 843 13 69

Email: cft@cft.edu.pl

Warsaw, 05.09.2021r.

The Director of the Center for Theoretical Physics PAS invites applicants for a **postdoctoral** position in cosmology within the project **OPUS “COLAB: COsmic LABoratory for Barions and dark matter”** by the Polish National Science Center (NCN) **UMO-2020/39/B/ST9/03494**. The principal investigator is **dr hab. Wojciech Hellwing** (hellwing@cft.edu.pl).

The successful applicant will contribute to the research program of the Computational Cosmology Group at CTP PAS, and in particular to designing, running and analyzing N-body and hydrodynamical simulation of the Local Universe in alternative dark matter models. The project COLAB is conducted in collaboration with LUSTRE, VIRGO, and DESC LSST consortia. the postdoctoral researcher will have the possibility to join these international consortia.

We seek a candidate with:

- a Ph.D. in astronomy, physics or relevant field (awarded no earlier than in 2014*, and no later by the first day of work)
- fluent academic written and spoken English
- experience in analyzing data from computer simulations (N-body and hydrodynamical ones)

The position is available initially for two years, with a possible extension for the third year, subject to satisfactory performance. The offered salary is approximately 20% higher than the standard NCN rate for a postdoc position.

Interested candidates should send a cover letter, a research statement (max. 4 pages), CV, and a publication list in a single pdf file to rekrutacja@cft.edu.pl. Applicants should also arrange to have three letters of reference sent to the same email address. Please add the reference number **WH/10/2021** in the topic of the email.

The Center for Theoretical Physics of the Polish Academy of Sciences is an equal opportunity employer. Women and members of under-represented groups are particularly encouraged to apply.

* This can be extended in case of documented parental or sick leave; contact us for the details.

According to NCN regulations, this post is unavailable for those who received their PhD title at CTP PAS.