



Center for Theoretical Physics  
Polish Academy of Sciences

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Warsaw, August 30, 2024

## Competition for Postdoctoral Researcher Position in Cosmology Group at the Center for Theoretical Physics PAS

The Director of the Center for Theoretical Physics PAS (CTP PAS) invites applicants for a **postdoctoral position** in cosmology within the project SONATABIS 10 - *PACIS: Precision and Accuracy for Cosmological Imaging Surveys* (project registration No. 2020/38/E/ST9/00395), led by **Prof. Maciej Bilicki**, funded by the Polish National Science Center (NSC).

The successful applicant will contribute to the research program of the Computational Cosmology Group at CTP PAS, and in particular to designing and applying optimized catalogs of galaxies for cosmological studies with deep wide-field imaging surveys, such as KiDS and LSST. The PACIS project is conducted in collaboration with partners from the KiDS, 4MOST WAVES & 4HS, and LSST DESC teams, and the postdoctoral researcher will have the possibility to join these international consortia. Members of CCG are also taking part in other major experiments such as LOFAR, EMU or LIGO/Virgo/KAGRA, so possibilities exist to get involved in these as well.

We seek a candidate with a Ph.D. degree (awarded no earlier than in 2017\*) in **astronomy, physics or computational sciences**, who has experience in handling astronomical data using machine learning or other computational techniques. Practical knowledge of methods to select galaxies and estimate their photometric redshifts from modern imaging surveys and/or of related cosmological inference will be additional assets.

The position is available for two years, and can start at any time agreed with the candidate.

**Monthly net salary: approximately 7500 PLN.**

Applicants are requested to submit a single PDF file containing the following documents:

1. Cover letter,
2. Brief description of their past research,

3. Planned research (max. 3 pages),
4. Scientific curriculum vitae,
5. Signed GDPR clause,
6. List of their publications.

All the documents listed above should be sent to [rekrutacja@cft.edu.pl](mailto:rekrutacja@cft.edu.pl) until **2024-09-30** with reference number **MB/18/2024** included in the subject line of the e-mail. Applicants should also arrange for at least two reference letters to be sent to the same email address until **2024-09-30**

For further information please contact Prof. Maciej Bilicki ([bilicki@cft.edu.pl](mailto:bilicki@cft.edu.pl)).

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.

In accordance with NSC regulations, this position is not open to candidates who have obtained their PhD degree from CTP PAS.

An interview is expected. Selection committee reserves the right to invite for the interviews only preselected candidates. **The interviews are planned for the second half of October** (the confirmation will be sent to the prospect candidates shortly after the application deadline). **The results of the competition will be announced by 2024-10-31.**

The seniority of the candidates will not be preferred by default. Instead, the selection committee will evaluate the expertise of candidates having in mind their qualifications and achievements at the career stage they are at the moment.

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

<b>Information Clause – Job Recruitment</b>
<p><b>Information Obligation under the Article 13 of the RODO *:</b></p> <p><b>1. Data Administrator</b>  The administrator who is a deciding entity on how your personal data will be used is the Center for Theoretical Physics PAN represented by the Director with the seat in Warsaw Al. Lotników 32/46. You can contact the Administrator by using one of the contact forms available on the website: : <a href="http://www.cft.edu.pl/">http://www.cft.edu.pl/</a></p> <p><b>2. Data Protection Inspector</b>  The Director of the Center for Theoretical Physics of the Polish Academy of Sciences has appointed the Data Protection Inspector (Inspektor Ochrony Danych - IOD) with whom you can contact in all matters relating to your personal data. You can contact the Inspector by sending an email to: <a href="mailto:iod@cft.edu.pl">iod@cft.edu.pl</a></p> <p><b>3. The Purposes of Processing and the Legal Basis for Processing</b>  Your personal data will be processed for the purpose of running the current recruitment.  The basis for the processing of personal data are the provisions of the Labor Code Act of June 26, 1974 (uniform text: Dz. U. of 2018, item 917) and based on your consent for data processing.</p> <p><b>4. The Period of Storage of Personal Data</b>  Your personal data will be kept for the duration of the present recruitment.</p> <p><b>5. Data Recipients**</b>  The recipients of your personal data will be only entities authorized to obtain personal data on the basis of the law. Access to your data is provided only to employees authorized by the administrator and associates who must have access to the data to perform their duties.</p> <p><b>6. Your Processing Rights</b>  You have the right to access your data and the right to correct it or limit processing, as well as the right to appeal against the processing.</p> <p><b>7. The Obligation to Provide Data and the Consequences of not Providing Data</b>  Providing your personal data specified in the Labor Code is obligatory, and for the remaining extent voluntary.</p> <p><b>8. The right to make a complaint to the President of the Office for the Protection of Personal Data</b>  When you feel that the processing of personal data violates the provisions of the general regulation on the protection of personal data, you have the right to make a complaint to the President of the Office for the Protection of Personal Data.</p>
<b>Consent to Data Processing</b>
<p><b>I consent to the processing of my personal data by the Center for Theoretical Physics PAN for the needs of:</b></p> <p><input type="checkbox"/> Present recruitment.</p> <p>I provide the data voluntarily and I declare that they are truthful. I got acquainted with the contents of the above information, including information about the purpose and methods of processing personal data and the right to access my data and the right to correct them.</p>

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signature of the candidate

*\* Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of individuals with regard to the processing of personal data and on the free movement of such data and repealing Directive 95/46 / EC (general regulation on data protection )*