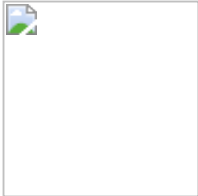




UNIVERSITETET I OSLO

The University of Oslo is Norway's oldest and highest rated institution of research and education with 28 000 students and 7000 employees. Its broad range of academic disciplines and internationally esteemed research communities make UiO an important contributor to society.

The Institute of Theoretical Astrophysics is part of the Faculty of Mathematics and Natural Sciences. It presently has 11 permanent professors/associate professors. The Institute employs some 15-20 postdoctoral and senior research fellows and has of order 15-20 Ph.D. students. The research activity of the Institute of Theoretical Astrophysics is concentrated around solar physics, cosmology and extragalactic astrophysics.



PhD Research Fellowship in Cosmology

Position as PhD Research fellow (SKO 1017) in cosmology is available at the Institute of Theoretical Astrophysics of the University of Oslo.

The fellowship period is for three years, with a starting date as soon as possible after January 1st 2018, and no later than May 1st 2018. No one can be appointed for more than one specified period at the same institution.

Job description:

The position is dedicated to a Horizon2020 funded project called BeyondPlanck, which aims to deliver new Planck LFI maps and associated science products by 2020. The position will be supervised by Prof. Hans Kristian Eriksen and Dr. Ingunn Kathrine Wehus. In addition to the University of Oslo, the BeyondPlanck collaboration include INAF Trieste, the University of Helsinki, University of Milano, and Planetek. Close collaboration with all of these institutions is expected.

The work will require a strong programming background, and previous experience with CMB data analysis is preferable. A generous personal travel/expenses grant of 50 kNOK is available per year. The institute also has access to world-class computing facilities, both in-house and on-campus, that are directly available to the candidate.

The Faculty of Mathematics and Natural Sciences has appointed the cosmology group at the Institute as an emerging top-tier research group. The group participates heavily in the Planck, SPIDER, COMAP and Euclid experiments, and is a member of the LiteBIRD Joint Study group.

Qualifications:

The Faculty of Mathematics and Natural Sciences has a strategic ambition of being a leading research faculty. Candidates for these fellowships will be selected in accordance with this, and expected to be in the upper segment of their class with respect to academic credentials.

The successful candidate must hold a Master's degree in astronomy, physics, statistics, informatics or equivalent.

The purpose of the fellowship is research training leading to the successful completion of a PhD degree.

The fellowship requires admission to the PhD programme at the Faculty of Mathematics and Natural Sciences. The application to the PhD programme must be submitted to the department no later than two months after taking up the position. For more information see

<http://www.uio.no/english/research/phd/>

<http://www.mn.uio.no/english/research/phd/>

A good command of English is required.

<http://www.mn.uio.no/english/research/phd/application/application.html>

The applicant should arrange for two letters of reference to be sent by e-mail to h.k.k.eriksen@astro.uio.no within the application deadline.

Salary:

Position code 1017, NOK 436 900- 490 900 per year, depending on qualification.

The application must include:

- Application letter
- CV (summarizing education, positions, pedagogical experience, administrative experience and other qualifying activity)
- Copies of educational certificates, transcript of records and letters of recommendationA complete list of publications and academic works.
- The source code of a self-written computer program; a link to a GitHub repository or similar is acceptable

- Names and contact details of two references who have been asked to send reference letters to Hans Kristian Eriksen (h.k.k.eriksen@astro.uio.no).
- Foreign applicants are advised to attach an explanation of their University's grading system

Please remember that all documents should be in English or a Scandinavian language.

The University of Oslo is an equal opportunity employer and seeks in particular to increase its number of female scientists. Women are therefore particularly encouraged to apply.

UiO has an agreement for all employees, aiming to secure rights to research results a.o.

The application with attachments MUST be delivered in our electronic recruiting system EasyCruit from the link on the bottom of the page.

Contact person:

For further information please contact: Hans Kristian Eriksen, phone: +47 928 47 663, e-mail: h.k.k.eriksen@astro.uio.no

For question regarding the recruitment system, please contact HR Officer Ørjan Pretorius, email: orjan.pretorius@mn.uio.no

Jobbnorge-ID: 142476, Søknadsfrist: Avsluttet