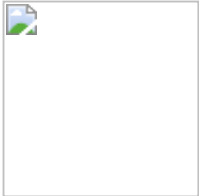




The University of Oslo is Norway's oldest and highest rated institution of research and education with 28 000 students and 7000 employees. Its broad range of academic disciplines and internationally esteemed research communities make UiO an important contributor to society.

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.



Postdoctoral Research Fellowship in astrophysics

Position as Postdoctoral Research Fellowship available at the Institute of Theoretical Astrophysics of the University of Oslo.

No one can be appointed for more than one Postdoctoral Research Fellowship at the University of Oslo.

The appointment is a fulltime position and is made for a period of up to three years (up to 10% of which is devoted to required duties, usually in the form of teaching activities).

Job description/ Project description:

The faculty of the Institute of Theoretical Astrophysics consists of 15 associate and full professors, of these 13 are permanent professors/associate professors and 2 are adjunct professors shared with other institutions. The Institute employs about 16 postdoctoral and advanced research fellows. The Institute has three major research groups, one for solar physics, one for extragalactic astrophysics and one for cosmology. The solar physics group is from November 2017 the Norwegian Centre of Excellence "Rosseland Centre for Solar Physics".

Observational material is collected from space-borne and ground-based observatories. In interaction with and parallel to the observational activity, there is a strong activity in theoretical and computational astrophysics. The Institute is actively engaged in a large number of international collaborative programs, e.g., through the Norwegian membership in ESA, Norwegian participation in the Nordic Optical Telescope (NOT), the Institute's participation in the Swedish 1-m Solar Telescope on La Palma, the balloon-borne CMB polarization experiment Spider and the CO Mapping Array Pathfinder experiment COMAP at Owens Valley, California. Space missions with major participation from the Institute include the Japanese Hinode satellite, the Interface Region Imaging Spectrograph (IRIS) and ESA's Solar Orbiter within solar physics, and Planck and Euclid within cosmology and extragalactic astrophysics. In theoretical and computational astrophysics the Institute has built up strong groups within numerical modelling and within the use of modern computational statistics methods in data analysis.

This position is open for candidates both within the solar physics, extragalactic astronomy and cosmology research groups. In selection, weight will be given to the documented research potential of the candidates, and to how their research competences can interact with and complement the research activities of one of the three research groups. The selected candidate must be able to start in the position before the 30th of September, 2018.

The main purpose of post-doctoral research fellowships is to qualify researchers for work in top academic positions within their disciplines.

Qualification requirements:

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.

Applicants must hold a degree equivalent to a Norwegian doctoral degree in astronomy/astrophysics or a related discipline. Appointment is dependent on the defence of the doctoral thesis being approved, if it has not been held by the application deadline.

Fluent oral and written communication skills in English.

Please also refer to the regulations pertaining to the conditions of employment for post-doctoral fellowship positions:

<http://www.uio.no/english/about/regulations/personnel/academic/regulations-employment-conditions-postdoc.html>

We offer:

- Salary NOK 490 900 - 569 000 per annum depending on qualifications in position as Postdoctoral Research Fellowship (position code 1352)
- A professionally stimulating working environment

• Professionally stimulating working environment

- Attractive [welfare benefits](#) and a generous [pension agreement](#), in addition to Oslo's family-friendly environment with its rich opportunities for culture and outdoor activities

The application must include:

- Cover letter (statement of motivation, summarizing scientific work and research interest)
- Research statement, detailing possible research projects and how they will benefit from the existing research groups at the Institute of Theoretical Astrophysics
- CV (summarizing education, positions, pedagogical experience, administrative experience and other qualifying activity)
- Copies of educational certificates, academic transcript of records and letters of recommendation
- A complete list of publications and up to 5 academic works that the applicant wishes to be considered by the evaluation committee
- Names and contact details of 2-3 references (name, relation to candidate, e-mail and telephone number)

The application with attachments must be delivered in our electronic recruiting system, please follow the link "apply for this job". Foreign applicants are advised to attach an explanation of their University's grading system. Please note that all documents should be in English (or a Scandinavian language).

In assessing the applications, special emphasis will be placed on the documented, academic qualifications, the research statement, as well as the candidates' motivation and personal suitability. Interviews with the best qualified candidates will be arranged.

Formal regulations:

Please see the [guidelines](#) and [regulations](#) for appointments to Postdoctoral fellowships at the University of Oslo.

According to the Norwegian Freedom and Information Act (Offentleglova) information about the applicant may be included in the public applicant list, also in cases where the applicant has requested non-disclosure.

The University of Oslo has an [agreement for all employees](#), aiming to secure rights to research results a.o.

The University of Oslo aims to achieve a balanced gender composition in the workforce and to recruit people with ethnic minority backgrounds.

Contact persons:

For further information please contact: Head of Department Per B. Lilje, phone: +47 228 56517, e-mail: <mailto:p.b.lilje@astro.uio.no>

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

Jobbnorge ID: 143383, Deadline: Closed