



The Max Planck Institute for Meteorology, a multidisciplinary centre for climate and Earth system research located in Hamburg, Germany, invites applications for

## 1 PhD (m/f) in the field of geophysical turbulence

The applicant will be part of the Max Planck Research Group “Turbulent Mixing Processes in the Earth System” and will investigate large-scale turbulent structures in the unstable planetary boundary layer. The tools will be theory and numerical simulations.

### Qualifications / Experience

- The applicant is expected to have a M.Sc. or diploma in geosciences, mechanical engineering, physics, mathematics, or a related field.
- A good knowledge in classical mechanics, in particular fluid mechanics is required.
- Basic knowledge of numerical analysis and statistical methods is of advantage.
- Good skills in programming and computer science will be regarded very favourably, since the applicant will work with large-scale computing systems (unix or GNU/linux OS, parallel computing).
- The working language is English.

### Employment conditions

- The position is offered for three years.
- This Ph.D. position is part of the International Max Planck Research School on Earth System Modelling (IMPRS-ESM).
- Payment will be in accordance with German public service positions up to TVoED E13/65%, including extensive social security plans. The conditions of employment follow the rules of the Max Planck Society for the Advancement of Sciences and those of the German civil service.
- The Max Planck Institute for Meteorology seeks to increase the number of female scientist and encourages them to apply. Handicapped persons with comparable qualifications receive preferential status.

### How to submit your application

Please submit

- 1) a cover letter,
- 2) a detailed curriculum vitae,
- 3) copies of certificates, and
- 4) two reference letters

by uploading the documents in our online application system:

[https://s-lotus.gwdg.de/mpg/mhmt/perso/mpim\\_W024.nsf/application](https://s-lotus.gwdg.de/mpg/mhmt/perso/mpim_W024.nsf/application)

### Deadline for applying

Please submit your application until **26 June 2016**.

### Further information on this position

For further information, please contact Dr. Juan Pedro Mellado (juan-pedro.mellado(at)mpimet.mpg.de).

Note that applications will be accepted only when submitted via the online application system (see link above).