The research group on Multiscale and Stochastic Dynamics (`www.multiscale.systems`) at the Technical University of Munich seeks candidates for the following position:

doctoral researcher (3-year) in applied mathematics

Interested candidates should have a background in (at least one) of the following areas:

dynamical systems, stochastic processes, scientific computing or PDE

The position is funded within the interdisciplinary CriticalEarth project (see description below) with a duration of up to 36 months. The successful candidate will join the research activities of the Multiscale and Stochastic Dynamics group at TUM and contribute to the development of the CriticalEarth project with a focus on dynamics of differential equations and related applications in the geosciences. The salary scale is an EU-ITN contract, i.e., a standard doctoral position. The project is carried out in collaboration with several groups within the CriticalEarth Project Team located across Europe. The position will be based in Munich. There is a **mobility requirement**: You must not have resided or carried out your main activity (e.g. work, studies) in Germany for more than 12 months in the 3 years immediately before the recruitment date.

Further Requirements:

Master-degree or equivalent (completed already or to be completed by mid-2021)

strong technical background in mathematics or physics

general interest in climate/geoscience and related applications

good English language skills (written and oral)

excellent grades

Application Materials

CV + publication list

transcript(s) for bachelor-/master-level studies

names and full contact addresses of at least two references

brief statement of scientific interests / motivation

should be sent as **ONE** PDF-file to: **ckuehn@ma.tum.de**

Evaluation of applications may start immediately, the main application deadline is: **January 31st 2021** (**deadline extended**). However, applications may be accepted until the position is filled. Once the position is filled, this will be announced on the webpage: `http://www.multiscale.systems/jobs.html`

Seriously disabled people are preferred if their suitability and qualifications are essentially the same. Informal inquiries regarding the position should be directed to **ckuehn@ma.tum.de**

Faculty of Mathematics
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www.multiscale.systems