



Research Associate (PhD Student) in the DFG Research Training Group (RTG2583) “Modeling, Simulation and Optimization of Fluid Dynamic Applications” §28 subsection 3 HmbHG

Institution: Faculty of Mathematics, Informatics and Natural Sciences, Department of Mathematics,

Salary level: EGR. 13 TV-L

Start date: as soon as possible, fixed for a period of 3 years (This is a fixed-term contract in accordance with Section 2 of the academic fixed-term labor contract act [Wissenschaftszeitvertragsgesetz, WissZeitVG])

Application deadline: 2021-04-30

Scope of work: part-time

Weekly hours: 75% of standard work hours per week

Responsibilities:

Duties include academic services in the project named above. Research associates may also pursue independent research and further academic qualifications.

Specific Duties:

Successful candidates are required to perform interdisciplinary and collaborative research in the relevant area Optimization, primarily in the subproject O3 of the RTG2583, where each Research Associate will be assigned to one of its PhD projects, as documented in <https://www.c3s.uni-hamburg.de/rtg2583.html>. Successful candidates are required to show active participation in the ample activities of the Research Training Group RTG2583.

Requirements:

A university degree in a relevant field

- Sound knowledge of applied mathematics is necessary, preferably in combination with profound experience to relevant applications in engineering
- O3:
 - Algorithmic optimal control of partial differential equations
 - Development of scalable algorithms for optimization

We offer



Reliable remuneration based on wage agreements



Continuing education opportunities



University pensions



Attractive location



Flexible working hours



Work-life balance opportunities



Public transport pass (ProfiTicket) and much more



Health management



Educational leave



30 days of vacation per annum

As a University of Excellence, Universität Hamburg is one of the strongest research universities in Germany. As a flagship university in the greater Hamburg region, it nurtures innovative, cooperative contacts to partners within and outside academia. It also provides and promotes sustainable education, knowledge, and knowledge exchange locally, nationally, and internationally.

The Free and Hanseatic City of Hamburg promotes equal opportunity. As women are currently underrepresented in this job category at Universität Hamburg according to the evaluation conducted under the Hamburg act on gender equality (Hamburgisches Gleichstellungsgesetz, HambGleiG), we encourage women to apply for this position. Equally qualified and suitable female applicants will receive preference.

Qualified disabled candidates or applicants with equivalent status receive preference in the application process.

Tips on applying

Contact

Spokesperson of the RTG2583 Prof. Dr. Armin Iske

armin.iske@uni-hamburg.de

<https://www.c3s.uni-hamburg.de/rtg2583.html>

Location

Bundesstraße 55

20146 Hamburg

[Zu Google Maps](#)

Reference number

79

Application deadline

2021-04-30

Applicants are requested to first study the RTG's research profile in <https://www.c3s.uni-hamburg.de/rtg2583/research.html>, in particular the PhD projects of Optimization.

Please send applications to: bewerbungen.rtg2583.math@lists.uni-hamburg.de, with subject header "RTG2583". Applications should attach only one .pdf file containing the requested material.

Applications should only include the following material.

- a cover letter (no more than two pages);
- a motivation letter (no more than two pages), where candidates are required to explain their suitability for the vacant PhD project O3 of the RTG2583;
- a tabular curriculum vitae;
- a list of publications;
- a list of conference attendances;
- transcripts of records for their Bachelor and Master studies;
- a short indication of their current position, affiliation, and academic supervisor(s).

Applications should at this point not include reference letters or any other supplementary material, e.g. copies of theses or publications.

Please note that we cannot return application documents. Therefore, do not submit original documents. We will destroy your documents after the procedure has ended.

More information on [data protection](#) in selection procedure.



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