PhD Position (m/f/d)
Reference code: 5019292_2- code no. 2020/CS 3
The place of employment is Hamburg (Germany).

The Helmholtz-Zentrum Geesthacht (HZG) in Geesthacht, near Hamburg, and in Teltow, near Berlin, conducts materials and coastal research. For further information please refer to: www.hzg.de.

GERICS and the university of Hamburg invites applications for a PhD Position (m/f/d), as soon as possible, in the field of C2 ‘Sustainable Land-Use Scenarios: Soil, Biodiversity, Water, Food and Energy Security’ for the project “CLICCS” in accordance with Section 28 subsection 3 of the Hamburg higher education act (Hamburgisches Hochschulgesetz, HmbHG). The position is limited to 3 years.

CLICCS is an ambitious research program at Universität Hamburg and strong partner institutions. Funded by the German Research Foundation (DFG), it is part of Germany’s Excellence Strategy. The program aims to understand climate changes, taking into account internal variability, extreme events, and unexpected side effects, addressing the natural and social spheres as well as their interactions. Thus CLICCS’ overarching research question is: Which climate futures are possible and which are plausible? CLICCS will investigate how climate changes and how society changes with it, thereby feeding back on climate. It will identify those climate futures that are consistent with both climate and social dynamics (possible), and those we expect to unfold with appreciable probability (plausible).

Your tasks:
GERICS is looking to hire a talented, motivated and proactive Software Developer to support the research and the service improvement activity to enable closing the gap between science and users interactions.

Specific Duties:
The primary purposes for this position are to support both the research and the service improvement activity at CLICCS. You will be engaged in designing/testing/developing/maintaining components of a user’s interface system in the frame of models uses for science-based decision making. Interactions with users through testing, designing and developing will be part of your work. PhD candidates are members of our graduate school which aims to help young academics thrive through all stages of their training, for more information please check the link: https://www.siecs.uni-hamburg.de/

Your profile:
- M.Sc. degree in Computer Science, Business Informatics, or other scientific disciplines (e.g physics, mathematics)
- good programming skills
- knowledge of diverse operating systems, including also distributed computing or parallel computing on HPC architectures
- knowledge of internet programming (including Java, HTML)
- capacity for teamwork in an interdisciplinary environment
- fluency in English (spoken and written)
- German language skills are desirable
- additionally we will welcome knowledge on version control systems (i.e., git)
- Python, Fortran, shell scripting
- System Dynamics and integrative modelling

For further information, please contact Dr. María Máñez Costa (maria.manez@hzg.de).

We offer:
- multinational work environment with over 1000 colleagues from more than 50 nations
- extensive options of vocational training (i. a. expert seminars, language courses or leadership seminars)
- flexible working hours and various models to ensure the compatibility of family and career
- excellent infrastructure, including a scientific in-house library as well as modern work spaces
- an appropriate salary related to the German public tariff (TV-AVH) plus the usual social benefits for the public employment sector

The promotion of equal rights is a matter of course for us. Severely disabled persons and those equaling severely disabled persons who are equally suitable for the position will be considered preferentially within the framework of legal requirements.

Interested?
We are looking forward to receiving your comprehensive application documents (including CV, a statement of interest and copies of master/diploma/university certificates) indicating job offer code no. 2020/CS 3 to Dr. María Máñez Costa (maria.manez@hzg.de).

Closing date for applications is June 1st, 2020.