

## Scientific Project Coordinator (f/m/d) Optimization of limited testing resource for SARS-CoV-2

The [Center for Advanced Systems Understanding \(CASUS\)](#) is a German-Polish research center for data-intensive digital systems research. We combine innovative methods from mathematics, theoretical systems research, simulations, data science, and computer science to provide solutions for a range of disciplines – materials science under ambient and extreme conditions, earth system research, systems biology, and autonomous vehicles.

CASUS was jointly founded in August 2019 by the [Helmholtz-Zentrum Dresden-Rossendorf](#), the [Helmholtz Centre for Environmental Research](#), the [Max Planck Institute of Molecular Cell Biology and Genetics](#), the [Technical University of Dresden](#) and the [University of Wrocław](#). CASUS is located in the heart of Görlitz at the border between Germany and Poland. The CASUS start-up phase is hosted by the Helmholtz-Zentrum Dresden-Rossendorf and is financed by the [Federal Ministry of Education and Research](#) and the [Saxon State Ministry of Science and Art](#).

The Earth System Science department seeks a project manager to coordinate internal activities, collaborations with partners, and interactions with stakeholder on a project focusing on developing data, models, algorithms, and software for optimizing the use of limited SARS-CoV-2 testing capacity.

Location of work is Görlitz, the working hours will amount to 20 h per week.

The position can begin immediately and the contract will be limited until 31.12.2022 in duration at 50% effort.

### The Scope of Your Job

The scientific project coordinator will be part of a team studying how to optimally deploy limited testing capacity in an emerging epidemic. This successful candidate will be responsible for coordinating activities across team members in the areas of data fusion, epidemiological modeling, algorithm development, and software development. Importantly, the team must be synchronized to produce near-term products that start simple and then are gradually expanded in scope, functionality, and refinement. The scientific project coordinator will also coordinate activities with project partners, both within Germany and internationally, and will facilitate interactions with public health professionals and institutions in Germany.

### Your Tasks

- Synchronize activities across a multidisciplinary team to yield continuously updated results;
- Coordinate with project partners;
- Facilitate interaction with public health experts, agencies, and authorities;
- Write progress reports and handle other project reporting duties.
- Work with our team to facilitate a coordinated approach to optimizing testing locations and strategies.

### Your Qualifications

- Ph.D. in the life or physical sciences;
- Prior experience coordinating scientific projects;
- Strong motivation to work in a collaborative environment;
- Excellent communication skills in English;
- Fluency in German to facilitate interaction with public health authorities and stakeholders in Saxony and elsewhere in Germany;
- Experience in epidemiology and/or public health is advantageous but is not required

## What We Offer

- A vibrant research community in an open, diverse, and international work environment
- Scientific excellence and extensive professional networking opportunities
- The employment contract is limited to three years with the possibility of longer-term prospects
- Salary and social benefits in conformity with the provisions of the Collective Agreement TvöD-Bund
- 30 vacation days per year
- Company pension scheme (VBL)
- A good work/life balance for which we offer assistance in the form of:
  - Possibility to work part-time
  - Flexible working hours
  - In-house health management

## Application

Please submit your application (including a one-page cover letter, CV, academic degrees, transcripts, etc.) online on the HZDR application portal:

<https://www.hzdr.de/db/Cms?pNid=490&pOid=61400&pContLang=en>

## Deadline:

Review of applications will begin on 24 August 2020, but the position will remain open until filled.

## For details please contact:

Dr. Michael Bussmann, Tel.: +49 3581 375 23 11, E-Mail: [m.bussmann@hzdr.de](mailto:m.bussmann@hzdr.de)

Prof. Dr. Justin Calabrese Tel.: +49 3581 37523 71, E-Mail: [j.calabrese@hzdr.de](mailto:j.calabrese@hzdr.de)

Weronika Mazur, Tel.: 49 3581 375 23 23, E-Mail: [w.mazur@hzdr.de](mailto:w.mazur@hzdr.de)

Inken Köhler, Tel.: 49 3581 375 23 10, E-Mail: [i.koehler@hzdr.de](mailto:i.koehler@hzdr.de)

CASUS – Center for Advanced Systems Understanding  
Helmholtz-Zentrum Dresden-Rossendorf e.V. (HZDR)  
Untermarkt 20  
D-02826 Görlitz  
[www.casus.science](http://www.casus.science)