

Open call for fellows from science and engineering

2 to 4 Junior (postdoc)/Senior Fellowships on understanding complex systems

Starting in October 2021 for up to 12 months

Fellowships offered by

Käte Hamburger Kolleg *Cultures of Research*

International center for advanced studies in history, philosophy, and sociology of science and technology

The new Käte Hamburger Kolleg *Cultures of Research* is an international center for advanced studies at RWTH Aachen University, funded by the German Federal Ministry of Education and Research. The center has openings for a total of 10 international fellows from the humanities and social sciences, as well as from natural, life, and technical sciences. Fellows will be offered a free space in which to develop their own research and to exchange ideas with each other. *Cultures of Research* is positioned where the fields of history, philosophy, and sociology interface with natural science and technology. The focus of the center's work is on the manifold research cultures within the sciences, their commonalities and differences, and how they are transformed through interdisciplinary discourse. A core topic is the conceptual understanding and computational approaches to complex systems, in particular from the perspectives of the material, bio, neuro and information sciences, engineering, mathematics, and logic. The main research areas for these fellowships are: (1) Complexity, Lifelikeness, & Emergence; and (2) Emerging Computational and Engineering Practices.

Location

The international center is part of RWTH Aachen University (Germany), which with a student body of 47,000 is one of the largest technical universities in Europe. With over fifty professorships and ten institutes from the humanities and social sciences, the Faculty of Arts and Humanities is an integral part of the interdisciplinary culture of teaching and research at RWTH Aachen University. Located at the borders of Germany, Belgium, and The Netherlands (Euregio), it has close ties with STS institutes at the universities of Maastricht and Liège, and with the Jülich–Aachen Research Alliance (JARA BRAIN) at the neighboring Jülich Research Center, a research campus of more than 5,000 researchers.

Fellowship

Fellows will join the international center for a maximum period of 12 months. The fellowships provide a full grant commensurate with applicants' level of professional experience, working space in fully-equipped offices, logistical support, and access to the interdisciplinary research landscape and research labs at RWTH Aachen University. Fellows who take unpaid leave during their fellowship will receive financial compensation in the form of a stipend; alternatively, the center would pay for a teaching replacement at the fellow's home institution. In order to create a stimulating intellectual environment among the resident research community, fellows are expected to routinely conduct much of their work from Aachen during their fellowship. Residency in Aachen is required and the center can support fellows in the search for accommodation.

Applications

Scholars can apply for either junior or senior fellowships. For junior fellows a successfully completed PhD is an eligibility requirement; for senior fellowships a professorship (associate, full professorship) or comparable position is expected. Applications (in English) should include a cover letter, your CV, a concise research proposal (2 to 3 pages), plus one relevant publication. Please submit your application electronically (compiled into a single pdf file) to: : khk@humtec.rwth-aachen.de. The deadline for applications is the **15th of May 2021**. Female researchers and scholars from the Global South are particularly encouraged to apply. Fellows will be elected by the scientific board of the international center.

For further information please visit the website of the Käthe Hamburger Kolleg *Cultures of Research* at: <https://www.humtec.rwth-aachen.de/KHK>.