2nd ORKG Curation Grant Competition
Open Call for Proposals launched

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The application form can be submitted until 30th of April 2022.

After the overwhelming success in 2021, the TIB Leibniz Information Centre for Science and Technology now invites applications for the second round of Open Research Knowledge Graph (ORKG) Curation Grants, to which researchers (advanced PhD students welcome) from various fields can apply. Successful applicants will make regular contributions to the ORKG in their research field, for which they will be personally compensated with 400 EUR per month. Grants initially run for six months, with the possibility of extension, and require you to invest approximately one day per week contributing to the ORKG. We expect you to add key research questions and corresponding research contributions in your research field to the ORKG. You will be part of a joint effort to contribute to one of the biggest challenges in research–better organizing the contents of scholarly publications, and you will gain visibility and reputation in your research field.

What is the Open Research Knowledge Graph?

Scholarly content is mainly communicated through publications, in the form of unstructured texts. Considering the continuously increasing numbers of publications being issued each year, researchers are finding it difficult to follow the literature that is relevant to them. The Open Research Knowledge Graph (ORKG) aims to address this problem by describing research papers in a structured manner within a knowledge graph, making the contents of the papers human-readable as well as machine-actionable and FAIR (i.e., findable, accessible, interoperable, and reusable). ORKG covers not only bibliographic data but the actual contents of the publications themselves. For more information see ORKG project page or our introduction video.

Topics

▶ The TIB Leibniz Information Centre for Science and Technology will award 10 grants for different scientific fields, with a special focus on physics, chemistry, mathematics, and technical sciences such as materials science, engineering, etc.

▶ ZB MED – Information Centre for Life Sciences will award 1 grant in the field of microbiology.

- The [CISPA Helmholtz Center for Information Security](#) will award 1 grant in the field of security research.

Requirements and Duties

- You have an academic qualification in one of the mentioned research fields and experience in working with published research. Ideally, you are an advanced PhD student or post-doctoral researcher (more senior researchers are also welcome).

- You are able to regularly spare time (approx. one day per week) for your ORKG curation work.

- You are interested in organizing research contributions in your field in a structured, semantic way, so other researchers can get a quick overview on the state-of-the-art in the field.

- You will add key research questions and corresponding research contributions in your field to the ORKG.

- You will create 2-4 ORKG comparisons or reviews per month and accompany them with suitable visualizations.

- You will outreach and disseminate your ORKG curation work to your scientific community, e.g. through mailing lists, social networks, at conferences etc.

- At the end of the program, you will give a presentation on your best comparison or review that will be recorded and made available in the ORKG communication channels.

Benefits

- You contribute to one of the biggest challenges in research–better organizing the contents of scholarly publications–and you will gain experience in semantically structuring and describing research in your field.

- With the organization of research contributions, you provide a key-service to your research community and gain international visibility.

- You will build a scientific reputation because ORKG comparisons and visualizations are citable.

- Comprehensive comparisons of the state-of-the-art related to a particular research question can be published as survey or review articles in a journal (e.g. on TIB's open access publishing platform).

- You will receive a monthly compensation of 400 EUR for your contribution to building the ORKG.

- Upon successful completion of at least six months of ORKG curation work, you will receive a certificate for serving as an ORKG research field editor.

Application process and deadlines

To apply for the grant, you have to complete and submit this application form.

Application deadline:	30th of April 2022
Notification of acceptance:	13th of May 2022
Beginning of curation project:	1st of June 2022

How to apply

Please complete the application form and submit it until April 30th, 2022. If you have any questions, please contact Lars Vogt (lars.vogt@tib.eu) or Anna-Lena Lorenz (anna.lorenz@tib.eu). You can also join our webinar on April 7 to get an introduction and a brief tutorial on creating comparisons.