

19th Call for proposals for interdisciplinary Seed Fund Projects

Background

The **Exploratory Research Space @ RWTH Aachen (ERS)** is the central instrument of RWTH to foster interdisciplinary research and to develop emerging fields with the potential to shape the University's research profile. ERS comprises activities which give a leeway for creativity to both senior and junior researchers and which foster interdisciplinary exchange and discussion. One activity is the funding of **Seed Fund Projects**. The typical duration of a Seed Fund Project is 6 to 12 months.

1. Type and aim of projects:

The proposed projects should identify and explore new **interdisciplinary** research fields or develop new methods and methodologies between interdisciplinary research topics. The topics should be new, creative and can be of high risk. They must not already be addressed by national or international public funding programs.

Projects can also be submitted as **International Research Space@RWTH Aachen (IRS)** proposals. This entails additional funding for collaboration with international partners, who are expected to contribute to the project through matching funds (except in case of capacity building proposals). IRS proposals should elaborate the specific added value of the international cooperation.

2. Selection and evaluation criteria:

The projects will be selected and evaluated by an evaluation group. The evaluation process may involve external experts.

The selection criteria for submitted proposals will be

- Originality (new, creative, explorative),
- Interdisciplinarity (participation of researchers from different faculties and disciplines with strongly differing research topics),
- Subsidiarity (funding through other sources is not yet possible),
- Team structure (senior and/or high-potential young researchers),
- Potential impact on the research strategy and structure of RWTH Aachen,
- Adequateness of research approach,
- Adequateness of research data management plan.

Specifically for IRS:

- Coherent implementation of internationalization in line with [RWTH internationalization strategy](#),
- Adequate matching funds from the partner (except for projects on capacity building),
- Added scientific value of the international cooperation.

Major evaluation criteria after project completion will be the quality of obtained research results and the future perspectives of the research topic as described in a final report, which has to be provided 18 months after project closure:

- A promising proposed third-party funded follow-up project (DFG, BMBF, EU, ...),
- Publications in peer reviewed journals,
- Granted patents or promising patent applications.

3. Funding

The budget for a Seed Fund Project is provided by the Excellence Strategy of the German Federal and State Governments and makes allowances to the allocation model aiming for 30 % share of females. The total budget for all new Seed Fund projects is at most 1.000.000 €.

Eligible costs are: Staff expenses including student assistants, travel and subsistence costs, support for workshops and conferences, consumables and equipment.

4. General conditions

Applicants: typically 2-3 researchers from different faculties and disciplines; we strongly encourage the participation of young scientists (junior professor, group leader, research fellow, etc.) who are scientifically independent and are leading a research group.

The researchers should not be part of the same institute.

Joint proposals with partners from Forschungszentrum Juelich (FZJ) are welcome. The research topics and the expertise of the FZJ partners must be different from those of the RWTH partners and they have to complement each other. The expenses of the partners from FZJ will not be covered by ERS funding.

Each research team (professor with his/her group) can participate in a maximum of 3 Seed Fund project proposals.

Progress evaluation: final report

5. Proposal structure and content

Length of proposal: 10 pages **max.**, font size: Arial 11, line spacing: 1.5

- Project partners and principal investigators
- Summary
- Current State-of-the-Art
- Relevant preliminary work of the applicants
- Goals and approach (methodology)
- Working plan
- Financial plan
- Expected long term impact (targeted third party funding, implementation of new scientific infrastructure, new significantly visible, interdisciplinary competences, action plan to achieve these strategic goals)
- Characterisation/Description of the interdisciplinary cooperation

- Research data management plan
- References

Language: English or German

Please note: Proposals that do not comply with the formal criteria will be excluded from the reviewing process.

6. Deadline for submission: 21 March 2023

7. Project start: July 2023

8. Project duration: 6 to 12 months

9. Please apply at: <http://portal.ers.rwth-aachen.de>

Call: OPEN Seed Fund 2023

For additional information on the selection process, please refer to our website:

<http://www.rwth-aachen.de/ers>

Contact:

Dr.-Ing. Vera Eckers
Exploratory Research Space
RWTH Aachen
Wüllnerstr. 5b, 52056 Aachen

Tel. 0241 80 90492
E-Mail: ers@ers.rwth-aachen.de

or

Filiz Yurdusever
Exploratory Research Space
RWTH Aachen
Kreuzherrenstr. 2-4, 52056 Aachen

Tel. 0241 80 20728
E-Mail: ers@ers.rwth-aachen.de