

TRA "Mathematics, Modelling and Simulation of Complex Systems" invites application for the

Open Call 2024

With the flexible Open Call 2024, we aim to support our members in establishing new collaborations and joint research projects, promote and support early career scientists and offer opportunities for networking and scientific exchange. The Open Call offers various purposes for applications, which we have summarized in **four categories** below. Please note that slightly different requirements and rules apply to each category. If you are not sure which category your idea fits into, please contact the TRA manager (tra1@uni-bonn.de).

- Collaborative Project Start-up (substantial support for larger projects)
- Research Project Start-up (e.g. for exploratory projects or early career support)
- Networking, Outreach and Transfer (for events and activities)
- Other research needs

Eligibility:

To be eligible for funding applications, main applicant must be member of TRA Modelling. All proposed projects must be related to novel or planned inter-/transdisciplinary cooperation within mathematics, computer science, and its application areas, that are in line with the [research profile of TRA Modelling](#).

Applicants for a "Collaborative Project Start-up" fund are expected to involve partners from different institutions and should be able to demonstrate preliminary work on the topic. The aim of the project must be a specific third-party funding line for collaborative research. Realistically, the main applicant will hold a professorship.

Applications for a "Research Project Start-up" fund can be handed in by an individual TRA member, working independently in science (Post docs, Junior Group leaders and above), but might also involve partners. Exploratory approaches and project ideas in an early stage can be funded, including ideas to develop one's own career (e.g. through aiming at competitive third-party funding lines for early career researchers later). Early career researchers who are not yet member of the TRA Modelling need to apply for a membership in TRA Modelling before applying for the Open Call 2024.

All members of TRA Modelling holding at least a doctorate or PhD can apply for financial support of "Networking, Outreach and Transfer" or "Other research needs".

Funding:

- Example of funding in category "Collaborative Project Start-up" could be doctoral or postdoctoral researcher (max. 75 % E13, up to 24 months), research assistance (SHK/WHK/WHF), materials for experiments, project-specific hardware, costs for analyzing samples, etc.
- Example of funding in category "Research Project Start-up" could be similar as above, except funding is limited up to 12 months.

- Example of funding in category “Networking, Outreach and Transfer” could be costs for organizing conferences, workshops or other events that promote science communication or outreach/transfer on topics related to TRA Modelling.
- The following items will not be funded within any category: Travel cost, publication or conference fees, standard equipment like monitor, workstation, etc.

Formalities:

[Application form](#) must be submitted to tra1@uni-bonn.de. Form should be filled out completely to contain all necessary information.

The innovative and cross-disciplinary nature of the application is a major factor for funding and need to be convincingly outlined in the application.

For all TRA goals selected on the first page of the form, the project description must explain in more detail how they are to be achieved.

The requested funds must be allocated to a realistic budget plan and assigned to a specific spending period within 2024 and/or 2025. It is not possible to transfer the budget to another year once the application has been approved.

Following a streamlined review process, the Steering Committee of TRA Modelling will decide on acceptance. Decisions are depending on the project content and availability of funds. Successful applicants will be informed by the TRA Manager and funds will be made available for use according to the project budget plan in the short term.

In case of questions, do not hesitate to contact TRA Manager Daniel Minge via tra1@uni-bonn.de or +49 (0) 228 73-54462.