

Guidelines

Major Instrumentation Initiative with Proposal Preparation Instructions



I Programme Information

1 Objective

The aim of the Major Instrumentation Initiative Programme is to fund costly major instrumentation and equipment with outstanding or novel technology for use in research. The early provision of a technology enabled through a major instrumentation initiative should have a positive and tangible effect on the relevant fields of research and be a prerequisite for a wide range of research projects of high originality and excellent quality. Major instrumentation initiatives are aimed at universities as applicant institutions. The awarding of funding in this programme obliges the recipient to make a proportion of capacities of the technology available for external research use and represents an institutionally relevant component of infrastructure profiling for the applicant institution.

2 Process

The DFG can launch major instrumentation initiatives in response to recommendations from the research community. Ideas for a major instrumentation initiative are submitted in the form of concepts.

Once a year, the Committee on Scientific Instrumentation and Information Technology evaluates the concepts received in a comparative process. Expert reviews may be sought in advance, and other DFG bodies may also participate.

At the recommendation of the responsible bodies, and based on concepts that have been evaluated positively, the DFG will set up the initiative and will invite proposals using the Information for Researchers format. Following a review process and assessment, the Joint Committee of the DFG decides on the proposals.

II Submission of Concepts

1 General instructions

A concept provides justification as to why the DFG should implement the recommended major instrumentation initiative. It explains why the availability of the proposed outstanding instrument technology is necessary for knowledge-driven research and defines the target group within the research community. A concept describes the extent to which the proposed

instrument technology is distinct from currently available and accessible technologies and explains the particular relevance, originality and topicality of research projects that would be made possible through a DFG major instrumentation initiative. It defines an approximate budget for a funded project and an appropriate funding duration. The concept also includes an estimation of the type and number of institutions that might submit proposals within the initiative. It specifies the prerequisites and requirements that the institution would have to meet for the operation of an approved item of equipment.

2 Format and deadline

Concepts for a major instrumentation initiative can be submitted by researchers. A responsible person must be named for the concept. The names of individuals who submit concepts are not published and they do not play a particular role or fulfil any other function in the remainder of the process.

Concepts are submitted by e-mail only to the following address:

wgi@dfg.de

Concepts can be submitted at any time.

The concept for the implementation of a major instrumentation initiative comprises a document of no more than ten pages which is based on template 21.71.

www.dfg.de/formulare/21_71

It may be supplemented by supporting letters (e.g. from researchers, university leaderships, learned societies or companies), combined into a single document.

III Major Instrumentation Initiative

1 Proposals

1.1 General information

Proposals for funding in a major instrumentation initiative can only be submitted within the framework of the corresponding announcement and the deadlines specified therein. The announcement defines the thematic and technical framework and the specific objectives. In

particular, proposals must satisfy the requirements specified in the announcement in relation to form and content, even if these exceed or differ from those in the guidelines or template.

The focus of a major instrumentation initiative is on the funding of major instruments. The applicant institution must fulfil the requirements for the operation of the equipment. A confirmation to this effect must be included in the proposal.

The text of the announcement constitutes an essential basis for the subsequent evaluation of proposals. The review criteria essentially correspond to those for general research funding (Guidelines for the Written Review – DFG form 10.20), supplemented by the objectives of the major instrumentation initiative as defined in the announcement.

www.dfg.de/formulare_10_20

In addition, the review process will take into account the general objectives of the Major Instrumentation Initiative Programme as well as instrumentation-related, infrastructural and strategic development considerations at the applicant institutions.

1.2 Eligibility

Proposals may be submitted by publicly funded universities and non-publicly funded universities with institutional accreditation.

1.3 Format and deadline

Project proposals can only be submitted via elan.

<https://elan.dfg.de/en>

The deadlines and funding duration are specified in the respective announcement. Proposals are submitted in English.

The applicant university chooses a person to be responsible for the proposal. This person acts as the spokesperson and handles correspondence relating to the content of the proposal. The responsible spokesperson submits the proposal electronically via elan.

Funding proposals for a major instrumentation initiative must follow the proposal preparation instructions below.

1.4 Proposal modules

In a major instrumentation initiative, you may submit one or more of the following modules. For more details, please see the respective guidelines for each module.

Please refer to the announcement for details of the modules and funding items that can be applied for. The announcement may also allow for requests for project-specific staff, e.g. for the maintenance or supervision of the instrumentation, and other direct project costs. Proposals should not include requests for staff, project or consumables costs for the implementation of research projects listed in the proposal. Funding is not offered for doctoral positions.

Funding items may be requested within the following modules:

Basic Module

Use the basic module to request funding for direct project costs, project-specific staff, and instrumentation necessary to carry out the research project.

www.dfg.de/formulare/52_01

Project-Specific Workshops Module

If you would like to conduct workshops as part of your project, you may request funding to help you do so. Please note that this module cannot be submitted separately but only in conjunction with the proposed project.

www.dfg.de/formulare/52_06

Public Relations Module

To enable you to present your work to the general lay public, you can request funding for public relations.

www.dfg.de/formulare/52_07

2 Obligations

In submitting a proposal to the DFG, you agree to

a) adhere to the **rules of good scientific practice**.¹

The general principles of good scientific practice include, among others: maintaining professional standards, documenting results, rigorously questioning all findings, and attributing honestly any contributions by partners, competitors and predecessors.

Scientific misconduct is defined as the intentional and grossly negligent statement of falsehoods in a scientific context, the violation of intellectual property rights or impeding another person's research work. The circumstances of each case will be considered on an individual basis. In cases where scientific misconduct has been established, the DFG may impose one or more of the following sanctions, depending on the nature and severity of the scientific misconduct:

- issuing a written reprimand to those involved;
- exclusion from the right to apply for DFG funds for a period of one to eight years, depending on the severity of the scientific misconduct;
- revoking funding decisions (complete or partial cancellation of the grant, recalling granted funds, demanding repayment of funds spent);
- demanding that those concerned either retract the discredited publication or correct the falsified data (in particular by publishing an erratum), or appropriately indicate the DFG's retraction of funding in the discredited publications;
- exclusion from acting as a reviewer or from membership of DFG committees for one to eight years, depending on the severity of the scientific misconduct;
- denying voting rights and eligibility in elections for DFG statutory bodies and committees for one to eight years, depending on the severity of the scientific misconduct.

By accepting funding, the recipient agrees to

¹ The rules of good scientific practice are presented in detail in the white paper [Safeguarding Good Scientific Practice](#) and in the [Funding Guidelines - General Terms and Conditions of DFG Grants](#) (DFG form 2.00).

- b) use the grant exclusively and in a targeted manner to implement the funded project. The use and accounting of funds must conform to the relevant regulations of the DFG.
- c) submit progress reports on the research by the dates specified in the award letter and to present financial accounts to the DFG detailing the use of funds.

The DFG expects that the findings of the projects it funds be made available to the public.

3 Publication of data on grant holders and research projects

The data necessary for processing your proposal will be stored and processed electronically by the DFG.

By submitting a proposal you agree that, if the proposal is approved, your work address and contact details (name, institution and location, phone, fax, e-mail and website) as well as information about the content of the project (e.g. topic, summary, keywords, subject area, DFG programme, funding period, international connections) will be published in the GEPRIS information system

gepris.dfg.de/en

and may be published in other, non-commercial publications and databases created in cooperation with the DFG.

You may withdraw your consent to full/partial publication at any time, without affecting the lawfulness of any processing carried out prior to your withdrawal. If you would like to withdraw your consent, please notify the responsible DFG programme contact, preferably in electronic form.

Proposal Preparation Instructions for Funding as Part of a Major Instrumentation Initiative

I Proposal Structure

1 Project description

When preparing the proposal, please refer to the announcement for requirements in relation to form and content and other documents to be submitted. Please use form 53.101 (Project Description – Major Instrumentation Initiatives) as a template for the proposal.

www.dfg.de/formulare/53_101_elan

2 Curricula vitae

A document containing the CVs of the key persons involved in preparing the proposal and operating the instrument must be attached to the proposal. Please note the information in DFG form 1.91, Guidelines for Publication Lists.

www.dfg.de/formulare/1_91

3 Quotes

If possible, itemised, pre-negotiated quotes should be attached to the proposal. Preferred quotes and those provided for comparison are each to be combined in separate documents. If necessary to make the quotes easier to read and compare, one summary page prepared by applicants can be added to each set of quotes.

4 Supporting letters

Supporting letters, cooperation agreements and expressions of interest can be included with a proposal. These are submitted together as a single document.

5 Compliance form

After the proposal has been uploaded via elan, the responsible spokesperson receives a compliance form. This document must be signed by the responsible spokesperson and the university leadership and the original returned to the DFG.

II Special Obligations

1 Terms of use

If funding is awarded in this programme, terms of use must be prepared and submitted to the DFG for review. These should specifically include the arrangements for use of the instrumentation by external working groups.

2 Financial contributions

If funding is awarded, the applicant institutions are expected to make adequate staff and material core support available for the proposed project, acknowledge their responsibility to bear operating and follow-on costs and confirm the extent of this support in the event of an award within the framework of the proposal. Funding cannot be used for warranty extensions or maintenance contracts.

3 Procurement

Instrumentation funded through a major instrumentation initiative are purchased by the DFG. The DFG's general funding guidelines apply.

www.dfg.de/formulare/2_00