

Guidelines - Proposals for Junior Professorship Research Groups

I. General recommendations for your application:

1. The decision on funding proposed projects is based on the votes of scientific reviewers. They form their judgment on the basis of the information contained in the application which you submit as well as the presentation you should perform on the jury meeting. It is therefore in your own interest to work out a clearly written proposal as the basis for a balanced and proper review.

2. In the experts' interest please be brief. The complete application should not exceed 20 pages (font type Arial, font size 11, line spacing 1.15). It should be self-explanatory without the necessity to read the literature which is quoted or enclosed.

3. The Ministry for Innovation, Science and Research of North Rhine Westphalia (MIWF) would be grateful if you could

· answer all relevant questions - but only these - with appropriate completeness according to general scientific practices and correctly describe your own preliminary work and that of others,

· stick to the numbering system of these guidelines, repeat the complete headline (German and English) in each section and use consecutive numbering,

· submit the application plus appendages in English or in German, printed in Arial font, on A4- paper in 3 copies. Please do not bind or staple your application. To facilitate the review process, all applications should also be submitted as PDF file to s.knops@fz-juelich.de.

II. Applications for grants should include the following statements:

1. General Information (Allgemeine Angaben)

The application has to be written in English. Applicant is the University, which offers the infrastructure for the research group. The intended junior professor is the main contact person towards the MIWF for the overall management of the project and be accountable for the use of the funds granted.

The following information is requested:

- First name, surname, academic title
- Employment status
- Date of birth, nationality
- Institution and department (complete name)
- Postal address
- Telephone at the institution
- Fax
- E-mail-address

- Private address and telephone

1.1 Key topic (Schwerpunktthema)

- Modern IT Security Architectures
- Security and Privacy Engineering
- Usable Security and Privacy
- Multilevel Effects of Human Interactions

1.2 Summary (Zusammenfassung)

Please give a summary (in English as well as in German) of the main goals of the project; it should not exceed 15 lines (max 1600 characters).

2. State of the art, preliminary work (Stand der Forschung, eigene Vorarbeiten)

2.1 State of the art (Stand der Forschung)

Please explain briefly and precisely the state of the art in your field in its direct relationship to your project as the starting point for your own work, quoting the most important relevant work of other scientists. This description should make clear in which context you situate your own research and to which questions you wish to make an innovative, promising contribution.

2.2 Preliminary work, progress report (Eigene Vorarbeiten, Arbeitsbericht)

Please give a precise and complete summary of your previous work with exact references to your own and others' publications and your participation on patents.

3. Goals and work schedule (Ziele und Arbeitsprogramm)

3.1 Objectives (Ziele)

Please give a concise description of the scientific program and the scientific goals.

3.2 Work program including proposed research methods (Arbeitsprogramm)

A detailed account of the steps planned during the application. The quality of the work program will be of decisive importance for the eligibility of your application for a grant. You should pay special attention to its comprehensive description. It may be helpful to know that this normally comprises half the text of the entire application. Detailed description of the methods which are to be used in the project: Which methods are already established, which are to be developed, which expertise is needed from outside your own group/your own institute?

4. Funds requested (Beantragte Mittel)

Requests for more than one year of funding may be detailed in separate amounts for each year (and also detailed in relation to staff, consumables and travel expenses); please make sure to specify the exact time period. Moreover, a total calculation over the five year period is needed.

5. Prerequisites for carrying out the project (Voraussetzungen für die Durchführung des Vorhabens)

5.1 What resources - including all kinds of funding - will probably be available to you for the project (except the funds asked for in this application)? Which other conditions are met?

Please give the following information:

5.2 Researchers with whom you have agreed to cooperate on this project (Geplante

Kooperationen im beantragten Projekt)

Please mention only those scientists with whom you have or plan a definite co-operation in this particular project or with whom you co-ordinate this specific work.

Please state:

· Whether the project deals entirely or partly with other countries. If applicable, name these countries.

· Whether you will carry out your project entirely or partly in a foreign country. If applicable, name these countries.

· If projects are carried out in the cooperation with partners in other countries, the MIWF generally expects the funding of the foreign partners to be covered from local sources.

5.3 Researchers with whom you have collaborated scientifically within the past 3 years

(Wissenschaftliche Kooperationspartner der letzten drei Jahre)

5.4 Your institution's general contribution (Laufende Mittel für Sachausgaben)

Please state the annual fund for consumables which comes from the institution's budget or any other third party (please list separately) to pay for the research for which your project is part of.

5.5 Conflicts of interest with economic activities (Interessenkonflikte bei wirtschaftlichen Aktivitäten)

Please indicate if you are the owner of a commercial enterprise, or a stakeholder in one. If so, please state how your scientific project is linked to the company's production branch.

6. Declarations (Erklärungen)

6.1 In case you have already submitted the same request for financial aid to other institutions please mention this here. If this is not the case please declare:

"A request for funding this project has not been submitted to any other addressee. In case I submit such a request I will inform the Ministry for Innovation, Science and Research of North Rhine Westphalia immediately".

6.2 Official Statement of the university / research institute to provide the facilities needed.

7. Signature(s) (Unterschrift(en))

The application must be signed by the university and the applicant.

8. List of appendages (Verzeichnis der Anlagen)

- a five-year research-program (incl. state of the art of the proposed research topic, previous work of the applicant, scientific goals and methods (six year period for a junior professorship)),
- a work plan for the five -year period (six year period for a junior professorship),
- a financial plan (annual and total),
- a statement of the university ensuring availability of sufficient lab-space, necessary infrastructure and a description of the institution's contribution (Tenure Track, further staff and consumption requirements),
- in case of a junior professorship: a statement of the university ensuring the financing of the sixth year
- CV and bibliography of the selected head of the group, certificate of the PhD /MD degree,
- Two letters of reference (due to February 28th 2017)

9. Obligations (Verpflichtungen)

In submitting your proposal, you agree to adhere to the rules of good scientific practice.

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.