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# GUIDELINE

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A BRIEF DESCRIPTION OF GERMAN INSTITUTES



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OFFICE OF SCIENTIFIC AND INTERNATIONAL COOPERATION  
AMIRKABIR UNIVERSITY OF TECHNOLOGY



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## Germany- A Country Full of Attractive Research Institutes

Germany is a land of ideas where education, science and research play a central role. It is also one of the most popular destinations in the world for international students. There is a wealth of funding available for graduate and doctoral students interested in studying, working, or doing an internship in Germany. Selected scholarships, programs, and other funding opportunities from the Alexander von Humboldt Foundation (AvH), the German Academic Exchange Service (DAAD), the German Research Foundation (DFG), the Max-Planck-Gesellschaft (MPG), the Fraunhofer Gesellschaft and etc. a map of universities and research institutes is given below:

- Universities
- Leibniz Institutes
- Max Planck Institutes
- Helmholtz Centres
- Fraunhofer Institutes





## Universities, Research Institutes and Centers in Germany

Type	No.	Disciplines
University	~100	All disciplines
Max Planck Institutes	82	Basic research, especially in the natural and biosciences but also in the humanities and social sciences
Fraunhofer Institutes	67	Applied research
Helmholtz Centers	18	Technical-scientific and biomedical research
Leibniz Institutes	89	Research in all disciplines ranging from knowledge-oriented basic research to applied research



# **GERMAN ACADEMIC EXCHANGE SERVICE (DAAD)**





## Introduction

DAAD or the German Academic Exchange Service is a funding organization for the international exchange of students and researchers. DAAD offers merit-based grants for use toward study and/or research in Germany at any of the accredited German institutions of higher education. It also awards grants to German students, doctoral students, and scholars for studies and research abroad.

## Facts & Figures

Support (per Year)	121000
Budget	441 ME/Year

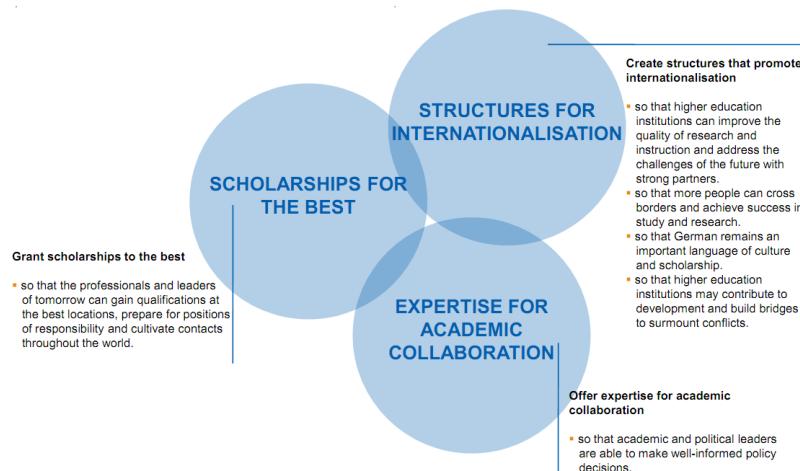
## Opportunities for faculty members

- Funding for joint research projects (dialogue with the Muslim countries), double degree programs, Bilateral or multilateral cooperation, joint-program
- Funding for strengthening cooperation with the private sector: setting up technology transfer centers, developing a science marketing strategy, partnership management
- Funding for institutional cooperation programs (workshops, seminars, internships)
- Support of Setting up German study programs at AUT

## Opportunities for students

- Student exchange: International Study and Training Partnerships (ISAP)
- Funding for a 2+2 sandwich program
- Funding for Group Study Visits
- Research Grants and Visits Postgraduate MA-/PhD-/Post-Doc courses

## Overview





## DAAD Programs in a Glance

<b>PHD STUDENTS</b>	<b>JUNIOR RESEARCHERS</b>	<b>SENIOR RESEARCHERS</b>
Research Grants-Doctoral Programs in Germany	Bilateral Exchange of Academics	Bilateral Exchange of Academics
Research Grants- Bi-nationally Supervised Doctoral Degrees	Research Fellowships in Space, Aeronautics, Energy and Transportation Research	Research Fellowships in Space, Aeronautics, Energy and Transportation Research
Research Grants-One-Year and Short-Term Grants	Leibniz-DAAD Research Fellowships	Re-invitation Program for Former Scholarship Holders
RISE professional Summer Internships with German companies	Re-invitation Program for Former Scholarship Holders	Research Stays for University Academics and Scientists
Research Fellowships in Space, Aeronautics, Energy and Transportation Research	Research Grants – One-Year and Short-Term Grants	Visiting Professorships
	Research Stays for University Academics and Scientists	
	Visiting Professorships	



## Research Grants – Doctoral Programs in Germany

### Funded by

#### [German Academic Exchange Service \(DAAD\)](#)

The DAAD is the world's largest funding organization for the international exchange of students and researchers.

### In brief

International PhD students can realize a doctoral project (individually or in a structured program) at a state or state-recognized German university or non-university research institution.

### Who can apply?

PhD students with

- an excellent university degree equivalent to a German Master's degree
- a convincing and well-planned research project or course of continuing education

### Further requirements

For country-specific information please check the program website.

### Type and extent of funding

Grant of 750 to 1,000 euros per month (depending on qualifications) plus additional allowances.

### Duration

Up to 3 years, in exceptional cases up to 4 years.

### Application

Applications must be submitted online through the DAAD portal. You can access the application portal through the scholarship database. Some documents need to be sent separately by post. Application details vary from country to country. For country-specific information on addresses and deadlines please check the program website.



## Research Grants – Bi-nationally Supervised Doctoral Degrees

### Funded by

[German Academic Exchange Service \(DAAD\):](#)

The DAAD is the world's largest funding organization for the international exchange of students and researchers.

### Program description

The aim of this program is to promote doctoral degrees at the home university with integrated research phases in Germany. International PhD students start their doctoral degree in their home country but subsequently spend research periods in Germany. The doctorate is completed in the home country with the participation of the German academic adviser. In addition, there is also the Cotutelle Doctoral Program, which supports binational doctoral degrees on the basis of the so-called cotutelle procedure.

### Who can apply?

PhD students with

- an excellent university degree equivalent to a German Master's degree
- a convincing and well-planned research project or course of continuing education

### Further requirements

For country-specific information please check the program website.

### Type and extent of funding

Grant of 1,000 euros per month plus additional allowances during stay(s) in Germany.

### Duration

Up to 2 years. Cotutelle Doctoral Program: up to 18 months.

### Application

Applications must be submitted online through the DAAD portal. You can access the application portal through the scholarship database. Some documents need to be sent separately by post. Application details vary from country to country. For country-specific information on addresses and deadlines please check the program website.



## Research Grants – One-Year and Short-Term Grants

### Funded by

#### [German Academic Exchange Service \(DAAD\):](#)

The DAAD is the world's largest funding organization for the international exchange of students and researchers.

### In brief

International doctoral candidates and young scholars or researchers can realize a research or training project at a state or state-recognized German university or non-university research institution.

### Who can apply?

PhD students and junior researchers with

- an excellent university degree equivalent to a German Master's degree or doctorate
- a convincing and well-planned research and training proposal for the stay in Germany that has been agreed with an academic supervisor at the prospective German host institution

### Further requirements:

For country-specific information please check the program website.

### Type and extend of funding

Grant of 750 to 1,000 euros per month (depending on qualifications) plus additional allowances.

### Duration

- One-Year Grants: 7 months to usually 10 months.
- Short-Term Grants: 1 month to a maximum of 6 months.

### Application

Applications must be submitted online through the DAAD portal. You can access the application portal through the scholarship database. Some documents need to be sent separately by post. Application details vary from country to country. For country-specific information on addresses and deadlines please check the program website.



## **RISE professional Summer Internships with German companies**

### **Funded by**

[German Academic Exchange Service \(DAAD\):](#)

The DAAD is the world's largest funding organization for the international exchange of students and researchers.

### **Who can apply? (Foreigners)**

Support program for recent graduates, Master and PhD students of natural sciences and engineering **from the United States of America or from Canada** interested in gaining serious practical experience in a German company in the summer.

### **Program description**

RISE professional gives students in the fields of Biology, Chemistry, Engineering, Geology and Physics the chance to spend a summer working with a German company.

### **Duration**

2 to 6 months in the summer

### **More information**

Requirements, country-specific information, dates and deadlines, application address and advice:  
[www.daad.de/rise-pro](http://www.daad.de/rise-pro)



## Research Fellowships in Space, Aeronautics, Energy and Transportation Research

### Funded by

German Aerospace Center (DLR)

[German Academic Exchange Service \(DAAD\)](#):

The DAAD is the world's largest funding organization for the international exchange of students and researchers.

### Program description

Outstanding scientists and researchers can conduct research and PhD students can complete a doctorate in the fields of space, aeronautics, energy and transportation research at an institute of the German Aerospace Center (DLR).

### Who can apply?

PhD students, postdocs and senior researchers with

- a very good university degree equivalent to a German Master's degree or doctorate in a relevant subject
- fluent English language skills

### Further requirements

The fellowships are defined and awarded on an individual basis. Each fellowship advertisement will indicate the specific qualification requirements and terms of the visit.

### Type and extent of funding

The fellowship for PhD students is roughly 1,500 euros per month with additional flat-rate travel allowance, health insurance and possible family allowances. Junior researchers receive a fellowship of 2,000 euros per month and senior researchers 2,300 euros per month. PhD students and junior researchers can attend a 2-month German language course in Germany (if desired).

### Duration

- 36 months for PhD students
- 6 to 24 months for junior researchers
- 1 to 3 months for senior researchers



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## **Application**

Please visit the DAAD-DLR webpage for details of fellowships. Available fellowships and application deadlines are listed under “Current offers”. Your application must be submitted online through the DAAD portal. You can access the application portal through the scholarship database. Some documents need to be sent separately by email and by post. For information on how and where to apply, please check the program website.





## Bilateral Exchange of Academics

### Funded by

#### [German Academic Exchange Service \(DAAD\):](#)

The DAAD is the world's largest funding organization for the international exchange of students and researchers.

### Program description

The program supports research and study visits within the framework of the bilateral exchange of researchers and scholars between Germany and its partner countries.

### Who can apply?

International scholars who

- should generally hold a doctorate
- work in a higher education institution or a research institute in their home country
- have good academic achievement and, if applicable, publications
- have a convincing and well-planned research project

### Further requirements

- The dates and purpose of the stay must be agreed in advance with the academic host institute in Germany. Applicants require a written acknowledgment from the host confirming the availability of a work position.
- Funding is only available when German researchers also apply for a research fellowship at the same time.
- In general, the costs of the outward and return journey are borne by the respective sending country.
- The program is restricted to certain countries of origin. For country-specific information please check the program website.

### Type and extent of funding

Fellowship of 2,000 to 2,150 euros per month, depending on academic status.

### Duration

2 weeks to 3 months.

### Application

Applications must be submitted online through the DAAD portal. You can access the application portal through the scholarship database. Some documents need to be sent separately by post. The application details vary from country to country. For country-specific information on addresses and deadlines please check the program website.



## Leibniz-DAAD Research Fellowships

### Funded by

[Leibniz Association](#)

[German Academic Exchange Service \(DAAD\)](#)

The DAAD is the world's largest funding organization for the international exchange of students and researchers.

### In brief

Outstanding, recently qualified international junior researchers can conduct research at an institute of the Leibniz Association in Germany.

### Who can apply?

Postdocs with

- an outstanding doctorate or a comparable academic degree completed less than 2 years ago
- a research project proposal which matches the selected Leibniz Institute
- an outstanding international list of publications
- excellent English language skills

### Type and extent of funding

Fellowship of 2,000 euros per month plus research allowance of 460 euros per year, health, long-term care, accident and personal liability insurance and a 2-month German language course in Germany (if desired).

### Duration

12 months.

### Application

Please visit the DAAD-Leibniz webpage for details of fellowships. Your application must be submitted online through the DAAD portal. You can access the application portal through the scholarship database. Some documents need to be sent separately by email and by post. For information on how and where to apply, please check the program website. The call for proposals and the relevant deadline for the year 2016 will be published at the beginning of January.



## Re-invitation Program for Former Scholarship Holders

### Funded by

#### [German Academic Exchange Service \(DAAD\)](#)

The DAAD is the world's largest funding organization for the international exchange of students and researchers.

### In brief

This program enables former DAAD scholarship holders to carry out research and work projects at a state-run or state-recognized university or non-university research institute in Germany. Research projects can also be based outside the academic sector.

### Who can apply?

Former recipients of DAAD research or study scholarships or former GDR scholarship holders

- with a convincing and well-planned research or work project for the stay in Germany
- with outstanding research achievements and, where appropriate, publications
- who returned to their home countries at least 3 years ago

### Further Requirements

- DAAD research or study scholarship holders must have been funded for at least 6 months, former GDR scholarship holders must have studied in Germany for at least 1 year.
- For country-specific information please check the program website.

### Type and extent of funding

Fellowship of 2,000 to 2,150 euros per month (depending on academic status) plus travel allowance, unless these costs are borne by another source.

### Duration

1 to 3 months.

### Application

Applications must be submitted online through the DAAD portal. You can access the application portal through the scholarship database. Some documents need to be sent separately by post. The application details vary from country to country. For country-specific information on addresses and deadlines please check the program website.



## Research Stays for University Academics and Scientists

### Funded by

#### [German Academic Exchange Service \(DAAD\)](#)

The DAAD is the world's largest funding organization for the international exchange of students and researchers.

### In brief

International university teachers and researchers can conduct a short-term research stay at a state-run or state-recognized university or non-university research institute in Germany.

### Who can apply?

International junior and senior researchers who

- should generally hold a doctorate
- work in a higher education institution or a research institute in their home country
- have good academic achievement and recent publications
- have a convincing and well-planned research project that must be coordinated with an academic host institute in Germany

### Further requirements

- Applicants require a written acknowledgment from the host confirming the availability of a work position.
- For country-specific information please check the program website (see link below).

### Type and extent of funding

Fellowship of 2,000 to 2,150 euros per month, depending on academic status, generally including a travel allowance.

### Duration

1 to 3 months.

### Application

Applications must be submitted online through the DAAD portal. You can access the application portal through the scholarship database. Some documents need to be sent separately by post. The application details vary from country to country. For country-specific information on addresses and deadlines please check the program website.



# **THE GERMAN RESEARCH FOUNDATION (DFG)**



## Introduction

Any researcher can submit an application without any subject restrictions. International collaborations are possible and desired in all DFG funding programs. Additionally, the DFG provides funds for coordination work and travel.

## Facts & Figures

Support (per Year)	14000
Budget	1.75 BE/Year

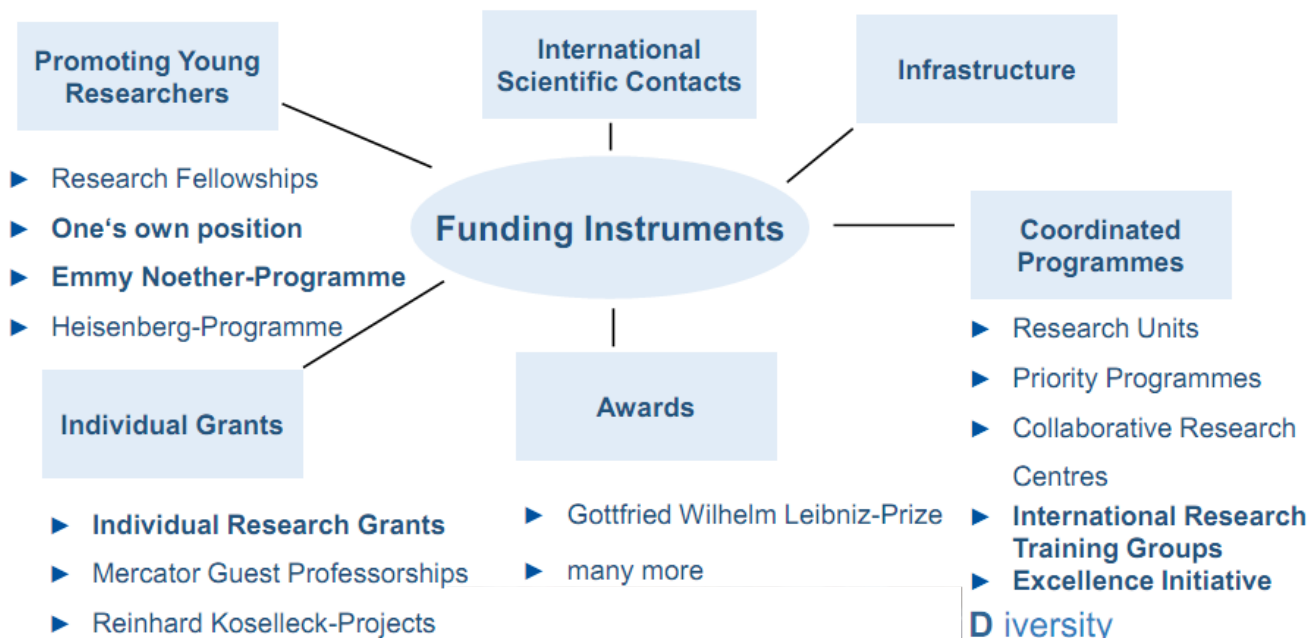
## Opportunities for faculty members

- Funding for Junior and Senior Researchers (Fellowship and Grants)
- International Research Training Groups
- Grants to Support the Initiation of International Collaboration (mobility, etc.)
- Awards for Junior Researchers

## Opportunities for students

- Clusters of Excellence - Doctoral and postdoctoral Fellowship
- Collaborative Research Centers - Doctoral and postdoctoral Fellowship
- International Research Training Groups

## Overview





## DFG Programs in a Glance

<b>PHD STUDENTS</b>	<b>JUNIOR RESEARCHERS</b>	<b>SENIOR RESEARCHERS</b>	<b>RESEARCH PROJECTS</b>
Support for Early Career Researchers within Clusters of Excellence	Support for Early Career Researchers within Clusters of Excellence	Grants to Support the Initiation of International Collaboration	Support for Early Career Researchers within Collaborative Research Centers
Support for Early Career Researchers within Collaborative Research Centers	Support for Early Career Researchers within Collaborative Research Centers	Heisenberg Program - Fellowship/Professorship	Research Grants
Graduate Schools	Emmy Noether Program	Prizes for Senior Researchers	Research Centers
Research Training Groups	Graduate Schools	Research Grants	Grants to Support the Initiation of International Collaboration
	Grants to Support the Initiation of International Collaboration		
	Prizes for Junior Researchers		
	Research Grants		
	Research Training Groups		



## Program description of Cooperation with Developing Countries

### Name of Funding Instrument

Research grant in connection with cooperation with developing countries

### Purpose

The DFG funds research projects conducted by German scientists in cooperation with scientists in developing countries. The objective is to promote cooperation between researchers from Germany and from developing countries involved in scientifically ambitious research projects.

### Eligibility Requirements

Researchers/scientists from all subjects and disciplines at German research institutions who have completed their academic education (typically by having completed a doctorate).

### Type and Extent of Funding

Funding for personnel, scientific instrumentation and apparatus, consumables, travel, miscellaneous expenses and publications for both the German partner institute and the cooperation partner/institute in the developing country.

### Proposal Deadlines

New proposals: No submission deadline.





## German Research Foundation (DFG) Programs

You could find the list of programs that your German counterpart could apply for.

### Funding for Junior Researchers

The German Research Foundation (DFG) offers many opportunities for postdoctoral researchers. This begins with support in the form of research scholarships and extends to the funding of postdoctoral posts in DFG-funded projects and even the applicant's own project. International interchange is explicitly desired in this context.

The central element of DFG funding is what is known as individual project support (Einzelförderung). This means all junior researchers can submit applications in relation to their own projects. Possible support measures range from materials grants to project funding within programs to foster research talent. Materials grants support researchers with their project. These measures include not only research grants and research fellowships, but also funding programs like the Emmy Noether Program.

In addition to individual project support, the DFG also offers several funding programs and [prizes for junior researchers](#).

### Funding for Senior Researchers

The German Research Foundation (DFG) offers many opportunities for established researchers. This begins with support in the form of research grants and extends to the funding of posts in DFG-funded projects and even the applicant's own project. International interchange is explicitly desired in this context.

The central element of DFG funding is what is known as individual project support (Einzelförderung). This means all researchers can submit applications in relation to their own projects. Possible support measures range from materials grants to project funding. Materials grants support researchers with their project. These measures not only include research grants and grants to support international cooperation, but also funding programs like the Heisenberg Program.

All DFG programs are open to established researchers, who can apply for funding for research projects or receive prizes and awards from the DFG. The DFG supports cooperation with partners abroad in various ways.



## Funding for research projects

The German Research Foundation (DFG) funds projects in all disciplines without any subject restrictions. Applications can be submitted not only by individuals who work at eligible German institutions, but also by affiliated German higher education institutions. So-called individual project support (Einzelförderung) is the central element of DFG funding. This means all researchers can submit applications in relation to their own projects.

Research grants offered as part of an individual grants program are the central form of research funding provided by the DFG. A research grant can be used to fund staff, research equipment, consumables, travel and most other expenditure of a research project. The DFG requires the institution at which the project will be carried out to supply the necessary core support and resources.

Within DFG-coordinated programs, higher education institutions are themselves applicants – and the funded projects there also offer researchers excellent research opportunities.



## Clusters of Excellence - Doctoral and postdoctoral positions

### Funded by

[German Research Foundation \(DFG\)](#):

The DFG supports research in higher education and public research institutions.

### Who can apply?

PhD students, Postdocs

### Requirements

As a rule, Clusters of Excellence (Exzellenzcluster) expect candidates to have an outstanding degree in a relevant subject. They should also be highly motivated and fluent in the English language.

### Program description

Clusters of Excellence are established within the framework of the German Excellence Initiative. The Excellence Initiative aims to promote top-level research and to improve the quality of German universities and research institutions in general. Clusters of Excellence enable German university locations to establish internationally visible, competitive research and training facilities, thereby enhancing scientific networking and cooperation among the participating institutions. They create excellent training and career conditions for early career researchers. The DFG currently supports 43 Clusters of Excellence.

### Support

Doctoral and postdoctoral positions as advertised in the job offers, e.g. on the website of the Cluster of Excellence.

### Duration

Generally 3 years for doctoral positions, otherwise dependent on the position.

### Application

Applications should be submitted to the coordinator of the Cluster of Excellence of your choice. An up-to-date list of Clusters of Excellence is available on the DFG website.

### More information:

DFG Clusters of Excellence: [www.dfg.de/en/excellence-initiative/exc](http://www.dfg.de/en/excellence-initiative/exc)

List of DFG Funding Programs: [www.dfg.de](http://www.dfg.de) > [Funding Programmes](#)



## Collaborative Research Centers - Doctoral and postdoctoral positions

### Funded by

[German Research Foundation \(DFG\)](#):

The DFG supports research in higher education and public research institutions.

### Who can apply?

PhD students, Postdocs

### Requirements

As a rule, Collaborative Research Centers (Sonderforschungsbereiche) expect candidates to have an outstanding degree in a relevant subject. They should also be highly motivated and fluent in the English language.

### Program description

Collaborative Research Centers (CRCs) are established at universities for a period of up to 12 years and enable researchers to pursue an outstanding research program, crossing the boundaries of disciplines, institutes, departments and faculties. The DFG currently supports more than 230 Collaborative Research Centers. Doctoral and postdoctoral researchers achieve additional qualifications by working in CRC projects. Highly qualified and renowned postdoctoral researchers may also assume project leadership within a CRC.

### Support

Doctoral and postdoctoral positions as advertised in job offers, e.g. on the CRC's website.

### Duration

Generally 3 years for doctoral positions, otherwise dependent on the position.

### Application

Applications should be submitted to the coordinator of the Collaborative Research Centre of your choice. An up-to-date list of Collaborative Research Centers is available on the DFG website.

### More information:

DFG Collaborative Research Centers: [www.dfg.de/sfb/en](http://www.dfg.de/sfb/en)

List of DFG Funding Programs: [www.dfg.de > Funding Programmes](http://www.dfg.de > Funding Programmes)



## Emmy Noether Program

### Funded by

[German Research Foundation \(DFG\)](#):

The DFG supports research in higher education and public research institutions.

### Who can apply?

Postdocs

### Requirements

Candidates are expected to have an excellent research project and at least 2 years and up to a maximum of 4 years (medical researchers: up to 6 years) of postdoctoral experience including substantial international research experience; foreign applicants are eligible if they intend to continue their research career in Germany following completion at the end of the funding period.

### Program description

This program enables outstanding postdocs/junior researchers to rapidly qualify for leading positions in science and research or for a university teaching career by heading an independent junior research group and assuming relevant teaching duties.

### Support

Funding for an independent junior research group; includes supervisory salary and covers expenses for staff and consumables necessary to complete the project during the funding period.

### Duration

Generally 5 years (maximum of 6 years).

### Application

Proposals can be submitted at any time.

### Further information:

Emmy Noether program: [www.dfg.de/emmy\\_noether/en](http://www.dfg.de/emmy_noether/en)

List of DFG Funding Programs: [www.dfg.de > Funding Programmes](http://www.dfg.de > Funding Programmes)



## Graduate Schools

### Funded by

[German Research Foundation \(DFG\)](#):

The DFG supports research in higher education and public research institutions.

### Who can apply?

PhD students, Postdocs

### Requirements

As a rule, Graduate Schools (Graduiertenschulen) expect candidates to have an outstanding degree in a relevant subject. They should also be highly motivated and fluent in the English language.

### Program description

Graduate Schools are established within the framework of the German Excellence Initiative. The Excellence Initiative aims to promote top-level research and to improve the quality of German universities and research institutions in general. Graduate Schools within this framework offer training to outstanding PhD students in an excellent research environment (broad scientific area, institution with international reputation) and enable them to become active members of their academic and social communities. The DFG now supports 45 Graduate Schools.

### Support

Research positions and scholarships, funding for consumables and travel allowances.

### Duration

Generally 3 to 4 years for PhD positions, otherwise dependent on the position.

### Application

Applications should be submitted to the coordinator of the Graduate School of your choice. You will find an up-to-date list of graduate schools on the DFG website.

### More information:

List of DFG Graduate Schools: [www.dfg.de/en/excellence-initiative/gsc](http://www.dfg.de/en/excellence-initiative/gsc)

List of DFG Funding Programs: [www.dfg.de > Funding Programmes](http://www.dfg.de > Funding Programmes)



## Grants to Support the Initiation of International Collaboration

### Funded by

#### [German Research Foundation \(DFG\):](#)

The DFG supports research in higher education and public research institutions.

### Who can apply?

Postdocs, Senior Researchers

### Requirements

Researchers who hold a doctorate and who are working at a German research institution can submit an application for support for a bilateral collaboration. It should outline the basis for the research benefit of the project as well as the concrete objective and the added value created by the international collaboration.

### Program description

These grants support international collaboration by enabling eligible German and foreign researchers and academics to plan partner visits and/or joint workshops with their partners. Support is provided for the early stages of planning, developing and coordinating joint research cooperation between international partners. Funding can be provided for visits to Germany and/or to the partner institute abroad for periods of up to 3 months and joint workshops either in Germany or in the partner country.

### Support

Funding covers travel expenses, maintenance expenses and event costs. Certain costs may be co-financed by a foreign partner organization if a corresponding agreement exists.

### Duration

Maximum of 3 months for research visits; all activities, such as joint workshops, must take place within 12 months.

### Application

Applications can be submitted at any time by researchers working in the German research system.

### More information:

Grants to Support the Initiation of International Collaboration: [www.dfg.de/en/bilateral\\_cooperation](http://www.dfg.de/en/bilateral_cooperation)

List of DFG Funding Program: [www.dfg.de > Funding Programmes](http://www.dfg.de > Funding Programmes)



## Mercator Fellowship

### Funded by

[German Research Foundation \(DFG\)](#):

The DFG supports research in higher education and public research institutions.

### Who can apply?

Postdocs, Senior Researchers

### Requirements

Applications for a Mercator Fellowship will only be accepted for researchers working at a German research institution. The application will be within the framework of a larger comprehensive application in one of the DFG's programs (please consult DFG guidelines). Its purpose is to invite distinguished researchers who will contribute to attaining the project's objective.

### Program description

The Mercator Fellowship facilitates long-term project-based cooperation between German and international researchers. The Mercator Fellow will spend a period of time at a German research institution working on a collaborative project and will remain closely associated with the team members and the project once the research stay has ended.

### Support

Fellows can receive a salary according to their qualification. Additionally, they will receive an allowance to cover travel expenses.

### Duration

The length of the research stay is not specified. Depending on the project's needs and the availability of the Mercator Fellow, either one extended stay, e.g. a semester or a year, or several shorter stays are possible.

### Application

Applications can be submitted at any time by a researcher or project coordinator in Germany. Please consult the availability of this module in the information sections on respective DFG programs such as Research Grants, Research Training Groups, Collaborative Research Centers and others. Kindly note that individual applications by prospective Mercator Fellows are not possible.

### More information:

Mercator Fellowship: [www.dfg.de/en/mercator](http://www.dfg.de/en/mercator)

List of DFG Funding Programs: [www.dfg.de > Funding Programmes](http://www.dfg.de > Funding Programmes)





## Prizes for Junior Researchers

### Funded by

[German Research Foundation \(DFG\):](#)

The DFG supports research in higher education and public research institutions.

### Who can apply? (Foreigners & Germans)

The DFG awards various prizes to encourage young research talent, especially during their qualification phase. Young international researchers working in Germany can naturally also apply.

### Description

The following individual prizes are involved:

[Heinz Maier-Leibnitz Prize for outstanding young researchers:](#) The Heinz Maier-Leibnitz Prize, named after the physicist and former president of the DFG, is a distinction for young researchers and provides further incentive for excellent achievements in their research work.

[Copernicus Award for research teams from Germany and Poland:](#) The Copernicus Award is conferred every two years to two researchers, one in Germany and one in Poland, for outstanding achievements in German-Polish scientific cooperation, in particular for promoting young researchers.

[Von Kaven Award for outstanding young mathematicians:](#) The von Kaven Awards are granted annually to mathematicians in recognition of their outstanding achievements.

[Albert Maucher Prize for outstanding young researchers in the geosciences:](#) The Albert Maucher Prize in Geoscience is awarded to young researchers in recognition of the outstanding research findings they have achieved using funds provided by the DFG.

[Bernd Rendel Prize for young qualified geoscientists who do not yet hold a doctorate:](#) The Bernd Rendel Prize is awarded annually by the DFG to young qualified geoscientists who do not yet hold a doctorate (geologists, mineralogists, geophysicists, oceanographers, geodesists).

### More information:

An overview of all the prizes that the DFG awards can be found here: [www.dfg.de](http://www.dfg.de) > [Scientific Prizes](#)  
List of DFG Funding Program: [www.dfg.de](http://www.dfg.de) > [Funding Programmes](#)



## Research Grants

### Funded by

#### [German Research Foundation \(DFG\):](#)

The DFG supports research in higher education and public research institutions.

### Who can apply?

Postdocs, Senior Researchers

### Requirements

The research project is expected to be of a high academic quality and originality at an international level. Proposals can be submitted by qualified researchers (as a rule, those holding a PhD) in all disciplines. They must be supported by a statement from a German host institution indicating that it will assume employer responsibilities during the funding period and, in cooperation with the applicant, provide the necessary conditions to carry out the research project.

### Program description

The grant enables scientists and scholars to realize a research project on a defined subject within a limited period of time.

### Support

As part of the research grant proposal, one or more of the following modules can be submitted: Basic Module, Temporary Positions for Principal Investigators, Mercator Fellows (for a full list of available modules, consult the DFG website). Funding depends on the specific proposal modules.

### Duration

The duration of funding is based on individual project requirements (as a rule, up to 3 years).

### Application

Proposals require a statement from the prospective German host institution. First proposal: no submission deadlines; proposal for extension: at least 6 months before approved funds have been exhausted.

### Further information:

DFG Research Grants: [www.dfg.de/research\\_grants](http://www.dfg.de/research_grants)

List of DFG Funding Program: [www.dfg.de > Funding Programmes](http://www.dfg.de > Funding Programmes)



## Research Training Groups

### Funded by

[German Research Foundation \(DFG\):](#)

The DFG supports research in higher education and public research institutions.

### Who can apply?

PhD students, Postdocs

### Requirements

As a rule, Research Training Groups (Graduiertenkollegs) expect candidates to have an outstanding degree in a relevant subject. They should also be highly motivated and fluent in the English language.

### Program description

Research Training Groups are set up by universities and pursue a focused research program. PhD students engage in independent research activities. Additional qualification programs strengthen their expertise for the job market in research and higher education. The DFG now supports more than 200 Research Training Groups. Another variant: International Research Training Groups (joint research training programs with a partner institution abroad).

### Support

Research Training Groups offer funding to PhD students, postdocs/junior researchers, visiting researchers and research students and cover expenses for travel, workshops, small equipment, consumables, coordination, etc.

### Duration

Generally 3 years for doctoral positions, otherwise depending on the position.

### Application

Applications should be submitted to the coordinator of the research training group of your choice. You will find an up-to-date list of research training groups on the DFG website.

### More information:

DFG Research Training Groups: [www.dfg.de/gk/en](http://www.dfg.de/gk/en)

List of DFG Funding Programs: [www.dfg.de > Funding Programmes](http://www.dfg.de > Funding Programmes)



## Grants to Support the Initiation of International Collaboration

### Funded by

[German Research Foundation \(DFG\):](#)

The DFG supports research in higher education and public research institutions.

### Who can apply?

Postdocs, Senior Researchers

### Requirements

Researchers who hold a doctorate and who are working at a German research institution can submit an application for support for a bilateral collaboration. It should outline the basis for the research benefit of the project as well as the concrete objective and the added value created by the international collaboration.

### Program description

These grants support international collaboration by enabling eligible German and foreign researchers and academics to plan partner visits and/or joint workshops with their partners. Support is provided for the early stages of planning, developing and coordinating joint research cooperation between international partners. Funding can be provided for visits to Germany and/or to the partner institute abroad for periods of up to 3 months and joint workshops either in Germany or in the partner country.

### Support

Funding covers travel expenses, maintenance expenses and event costs. Certain costs may be co-financed by a foreign partner organization if a corresponding agreement exists.

### Duration

Maximum of 3 months for research visits; all activities, such as joint workshops, must take place within 12 months.

### Application

Applications can be submitted at any time by researchers working in the German research system.

### More information:

Grants to Support the Initiation of International Collaboration: [www.dfg.de/en/bilateral\\_cooperation](http://www.dfg.de/en/bilateral_cooperation)

List of DFG Funding Programs: [www.dfg.de](http://www.dfg.de) > [Funding Programmes](#)



## Heisenberg Program - Fellowship/Professorship

### Funded by

[German Research Foundation \(DFG\):](#)

The DFG supports research in higher education and public research institutions.

### Who can apply?

Senior Researchers

### Requirements

Candidates must have completed the habilitation process or hold a comparable qualification that entitles the holder to a professorship. The research project must be of high academic quality and originality at an international level and the candidate is expected to have the potential to gain further qualifications as a university teacher. Applicants for a Heisenberg professorship must find a German university that intends to establish a new professorship and agrees to continue funding the position after DFG funding expires.

### Program description

The Heisenberg Program gives excellent researchers the opportunity to prepare for a leading position in science and research and to spend time working on an advanced research topic.

### Support

Fellowship: award, travel expenses and, if applicable, allowance for accommodation abroad, publication funding. The standard fellowship award is 4,450 euros per month.

Professorship: salary based on pay scale for professors.

### Duration

Maximum of 5 years.

### Application

Proposals can be submitted at any time. Proposals require a statement from the prospective host institution. For a professorship: the German university must agree to establish a professorship after funding expires.

### Further information:

DFG Heisenberg program: [www.dfg.de/heisenberg/en](http://www.dfg.de/heisenberg/en)

List of DFG Funding Programs: [www.dfg.de](http://www.dfg.de) > [Funding Programmes](#)



## Prizes for Senior Researchers

### Funded by

[German Research Foundation \(DFG\)](#):

The DFG supports research in higher education and public research institutions.

### Who can apply? (Foreigners & Germans)

The DFG awards prizes to scientists and academics in recognition of their outstanding research achievements.

### Program description

The DFG portfolio includes prestigious prizes:

The [Gottfried Wilhelm Leibniz Programme](#) awards prizes to exceptional scientists and academics for their first-class achievements in the field of research.

The [Communicator Award](#) is a prestigious award for scientists and academics who have communicated their research findings to the public with exceptional dedication.

The [Ursula M. Händel-Prize](#) recognizes scientists who have made exemplary and sustained efforts to improve the welfare of animals in research.

### More information

[www.dfg.de](http://www.dfg.de) > [Scientific Prizes](#)

List of DFG Funding Programs: [www.dfg.de](http://www.dfg.de) > [Funding Programmes](#)



# **ALEXANDER VON HUMBOLDT FOUNDATION (AVH)**



## Introduction

As an intermediary organization of German foreign cultural and education policy the Alexander von Humboldt Foundation aims to promote international cultural dialogue and academic exchange. The Humboldt Foundation offers flexible sponsorship programs for researchers at all stages of their careers. Its research fellowships and awards enable outstanding scientists and scholars from abroad to complete long-term research stays in Germany. The foundation also maintains close links with its alumni, the Humboldtians, after their stay in Germany. It offers numerous alumni support programs for that purpose.

## Facts & Figures

Support (per year)	700
Budget	110 ME/Year

## Opportunities for faculty members

- Research fellowship (postdoctoral and experienced researchers)
  - Humboldt Research, Georg Forster Research , Friedrich Wilhelm Bessel
- Research award (junior, experienced researchers and internationally renowned academics)
  - Sofja Kovalevskaja, Friedrich Wilhelm Bessel Research Award, Anneliese Maier Research Award, Max Planck Research Award, Alexander von Humboldt Professorship
- Benefits for Humboldtians
  - Fellowship to come back to country, Travel to Europe, Study tour, Research group linkage program, Grant for projects up to 50000 Euros per year for 3 years

## Overview

	Origin	Academics from abroad	Academics from Germany
<b>Career stages</b>			
<b>Postdoctoral researchers</b> (up to 4 years after completion of doctorate)		<ul style="list-style-type: none"> <li>• Humboldt Research Fellowship</li> <li>• Georg Forster Research Fellowship</li> </ul>	<ul style="list-style-type: none"> <li>• Feodor Lynen Research Fellowship</li> </ul>
<b>Junior research group leaders</b> (up to 6 years after completion of doctorate)		<ul style="list-style-type: none"> <li>• Sofja Kovalevskaja Award</li> </ul>	
<b>Experienced researchers</b> (up to 12 years after completion of doctorate)		<ul style="list-style-type: none"> <li>• Humboldt Research Fellowship</li> <li>• Georg Forster Research Fellowship</li> </ul>	<ul style="list-style-type: none"> <li>• Feodor Lynen Research Fellowship</li> </ul>
(up to 18 years after completion of doctorate)		<ul style="list-style-type: none"> <li>• Friedrich Wilhelm Bessel Research Award</li> </ul>	
<b>Internationally renowned academics</b>		<ul style="list-style-type: none"> <li>• Humboldt Research Award</li> <li>• Anneliese Maier Research Award</li> <li>• Max Planck Research Award</li> <li>• Alexander von Humboldt</li> </ul>	<ul style="list-style-type: none"> <li>• Max Planck Research Award</li> </ul>





## AvH, an Association for a Lifetime

AvH maintains a continuous, life-long contact to all Humboldtians worldwide. Its well-known motto is “Once a Humboldtian- Always a Humboldtian”. Even after the first research stay has come to an end, AvH still maintain close links to the alumni of their fellowship and award programs. The alumni sponsorship is tailored to the needs of every single Humboldtian, providing flexible support for their particular development and path in life as well as for cooperation with others.

A table of details about Alumni Sponsorship is given below:

Type	Program	Details
Coming back to Germany ( 3 years after your first research stay)	Short visits up to 30 days	<ul style="list-style-type: none"> <li>e.g. for active participation (lecture, posters, etc.) in international congresses in Germany, for lecture tours or short working visits to research institutes in Germany.</li> <li>Daily allowance, reimbursement of conference fees</li> </ul>
	Renewed research stays for up to 3 months	<ul style="list-style-type: none"> <li>for continuing or completing work started during first research stay in Germany or initiation of new joint research projects with colleagues in Germany, free choice of academic host</li> <li>Monthly fellowship amount, support for accompanying family</li> </ul>
Support for alumni in their home countries	Invitation of professors from Germany for short research stays at the home institution of Humboldtian	
	Book donations	
	Equipment subsidies	up to 20,000 EUR
	Humboldt Kollegs	up to 40,000 EUR
Support for cooperative projects	Research group linkage program	<p>“Institutional” partnership between a Humboldtian and a German partner for working on a joint research project to:</p> <ul style="list-style-type: none"> <li>- building of sustainable scientific partnerships</li> <li>- integration of junior researchers</li> </ul> <p>Funding of up to 55.000 €, up to 3 years, to be spent on academic auxiliary staff, equipment (for the partner institute outside Germany), conferences, reciprocal research visits, publications and consumables</p>
	Humboldt Alumni Award for Innovative Networking Initiatives	up to 25,000 EUR; 3 awards annually



## AvH Programs, in a Glance

JUNIOR RESEARCHERS	SENIOR RESEARCHERS
Capes-Humboldt Research Fellowships for Postdoctoral Researchers	Alexander von Humboldt Professorship
Georg Forster Research Fellowship for Postdoctoral Researchers	Anneliese Maier Research Award
Humboldt Research Fellowship for Postdoctoral Researchers	Capes-Humboldt Research Fellowships for Experienced Researchers
Sofja Kovalevskaja Award	Fraunhofer-Bessel Research Award
	Friedrich Wilhelm Bessel Research Award
	Georg Forster Research Fellowship for Experienced Researchers
	Georg Forster Research Award
	Humboldt Research Award
	Humboldt Research Fellowship for Experienced Researchers



## Georg Forster Research Fellowship for Postdoctoral Researchers

### Funded by

[Alexander von Humboldt Foundation \(AvH\):](#)

The AvH promotes research collaborations between excellent foreign and German researchers.

### Who can apply?

Postdocs with:

- citizenship of as well as principal place of residence and work in a developing country, emerging economy or transition state (excluding the People's Republic of China and India)
- an outstanding doctorate or a comparable academic degree completed less than 4 years ago
- academic publications that were peer-reviewed according to international standards
- a good knowledge of German or English

### Requirements

Applicants must present a confirmation that research facilities are available, as well as a mentoring agreement and a detailed expert's statement by an academic host at a research institution in Germany.

### Program description

Junior researchers in all disciplines from developing countries, emerging economies and transition states can carry out a research project in Germany in cooperation with an academic host of their choice in Germany. The research project must deal with issues of major relevance to the future development of the candidate's country or region of origin.

### Support

Fellowship of 2,650 euros per month, plus language course, travel expenses, family allowances, extensive alumni sponsorship and allowance for research costs (for the host institution).

### Duration

6 to 24 months.

### Application

Applications can be submitted online at any time. You can access the online application form on the program website.

### More information:

Funding Programs of the Humboldt Foundation: <https://www.humboldt-foundation.de/web/sponsorship.html>

Alexander von Humboldt Foundation (AvH): <http://www.humboldt-foundation.de/web/home.html>

## Humboldt Research Fellowship for Postdoctoral Researchers

### Funded by



[Alexander von Humboldt Foundation \(AvH\):](#)

The AvH promotes research collaborations between excellent foreign and German researchers.

**Who can apply?**

Postdocs with:

- an outstanding doctorate or a comparable academic degree completed less than 4 years ago
- academic publications that were peer-reviewed according to international standards
- a good knowledge of German or English

**Requirements**

Applicants must present a confirmation that research facilities are available, as well as a mentoring agreement and a detailed expert's statement by an academic host at a research institution in Germany.

**Program description**

Junior researchers in all disciplines can carry out their own long-term research project in cooperation with an academic host of their choice at a research institution in Germany.

**Support**

Fellowship of 2,650 euros per month, plus language course, travel expenses, family allowances, extensive alumni sponsorship and allowance for research costs (for the host institution).

**Duration**

6 to 24 months.

**Application**

Applications can be submitted online at any time. You can access the online application form on the program website.

**More information:**

Funding Programs of the Humboldt Foundation: <https://www.humboldt-foundation.de/web/sponsorship.html>

Alexander von Humboldt Foundation (AvH): <http://www.humboldt-foundation.de/web/home.html>



## Sofja Kovalevskaja Award

### Funded by

[Alexander von Humboldt Foundation \(AvH\):](#)

The AvH promotes research collaborations between excellent foreign and German researchers.

### Who can apply?

Postdocs with

- a doctorate or a comparable academic degree completed with distinction less than 6 years ago
- cutting-edge academic achievements documented by a comprehensive list of academic publications that were peer-reviewed according to international standards
- a good knowledge of German or English

### Requirements

Applicants must present a detailed expert's report from the academic host as well as a confirmation from the host institution.

### Program description

Junior researchers can establish their own working groups and spend 5 years working on a high-profile, innovative research project of their choice at a research institution in Germany.

### Support

Funding of up to 1.65 million euros to realize the approved research project; extensive alumni sponsorship

### Duration

5 years.

### Application

Applications are expected to become possible from spring 2016. Applications must be submitted on paper to the Humboldt Foundation. You will find the application forms and address on the program website.

### More information:

Funding Programs of the Humboldt Foundation: <https://www.humboldt-foundation.de/web/sponsorship.html>

Alexander von Humboldt Foundation (AvH): <http://www.humboldt-foundation.de/web/home.html>



## Alexander von Humboldt Professorship

### Funded by

[Alexander von Humboldt Foundation \(AvH\):](#)

The AvH promotes research collaborations between excellent foreign and German researchers.

### Who can apply?

Nominations can only be made by German universities. Non-university research institutions may also submit joint nominations with German universities.

- Nominations can be submitted on behalf of senior researchers who
- live and work outside Germany
- are eligible to be appointed to full professorships in Germany
- are internationally recognized as leaders in their research field
- can also be expected to complete further cutting-edge research in the future

### Requirements

- The Alexander von Humboldt Professorship is expected to contribute to the internationalization of forward-looking research areas in Germany. In addition, it should achieve synergy effects in the development and structure of the host institution.
- The host institution must guarantee that the necessary infrastructure is available to carry out the award winner's research.
- Nominating institutions must explain how they intend to continue the award winner's long-term affiliation to their institution beyond the funding period.

### Program description

Winners of this most highly-endowed research award in Germany are honoured for their outstanding research record and can carry out long-term and groundbreaking research at a university or research institute in Germany.

### Support

Funding of 5 million euros for researchers in experimental disciplines, 3.5 million euros for researchers in theoretical disciplines; award winners may take up to 180,000 euros per year from the award funds as their personal income.

### Duration

5 years.

### Application

Two selection rounds per year; deadlines: 15 April and 15 October. It is not possible for researchers to apply themselves; nominations can only be made by German universities or non-university research institutions jointly with German universities. Nominations must be sent to the Alexander von Humboldt Foundation by post.



**More information:**

Funding Programs of the Humboldt Foundation: <https://www.humboldt-foundation.de/web/sponsorship.html>

Alexander von Humboldt Foundation (AvH): <http://www.humboldt-foundation.de/web/home.html>



## Anneliese Maier Research Award

### Funded by

[Alexander von Humboldt Foundation \(AvH\):](#)

The AvH promotes research collaborations between excellent foreign and German researchers.

### Who can apply?

Nominations can only be submitted by established researchers employed at a university or another research institution in Germany.

- Nominations can be submitted on behalf of senior researchers who
- have predominantly lived and worked outside Germany for at least 5 years
- are outstanding researchers in the humanities or social sciences
- have internationally recognized academic achievements

### Requirements

The research collaboration with fellow specialists in Germany should make a lasting contribution to the further internationalization of the humanities or social sciences in Germany.

### Program description

Winners of this award for researchers in the fields of the humanities or social sciences are honored for their outstanding research record and receive funding for cooperation on long-term research projects with fellow experts at a research institution in Germany.

### Support

Award of 250,000 euros; extensive alumni sponsorship

### Duration

Up to 5 years

### Application

The next application round has yet to be determined. Please check the program website for more information. It is not possible for researchers to apply themselves; nominations can only be made by established researchers employed at a university or another research institution in Germany. Nominations must be sent to the Alexander von Humboldt Foundation by post.

### More information:

Funding Programs of the Humboldt Foundation: <https://www.humboldt-foundation.de/web/sponsorship.html>

Alexander von Humboldt Foundation (AvH): <http://www.humboldt-foundation.de/web/home.html>





## Fraunhofer-Bessel Research Award

### Funded by

[Alexander von Humboldt Foundation \(AvH\)](#); [Fraunhofer Gesellschaft](#)

The AvH promotes research collaborations between excellent foreign and German researchers.

### Who can apply?

Nominations can only be submitted by the heads of institutes or senior researchers at Fraunhofer Institutes. Nominations can be submitted on behalf of senior researchers from all non-European countries who

- have predominantly lived and worked outside Germany for at least 5 years
- completed their doctorate less than 18 years ago
- are recognized internationally as outstanding researchers in their field of applied research
- are expected to continue producing cutting-edge research and have a lasting impact beyond their area of specialization.

### Program description

Award winners are honored for their achievements in the field of applied research and are invited to conduct a research project of their own choice with fellow experts at one of the Fraunhofer Institutes in Germany.

### Support

Award of 45,000 euros

### Duration

6 to 12 months. The research stay can be divided into blocks.

### Application

Nominations can be submitted at any time. It is not possible for researchers to apply themselves; nominations can only be made by the heads of institutes or senior researchers at Fraunhofer Institutes. Nominations must be sent to the Alexander von Humboldt Foundation by post.

### More information:

Funding Programs of the AvH: <https://www.humboldt-foundation.de/web/sponsorship.html>

Alexander von Humboldt Foundation (AvH): <http://www.humboldt-foundation.de/web/home.html>

Fraunhofer-Gesellschaft: <http://www.fraunhofer.de/en/>



## Friedrich Wilhelm Bessel Research Award

### Funded by

[Alexander von Humboldt Foundation \(AvH\):](#)

The AvH promotes research collaborations between excellent foreign and German researchers.

### Who can apply?

Nominations can only be submitted by established researchers employed at a university or another research institution in Germany. Nominations can be submitted on behalf of senior researchers who

- have predominantly lived and worked outside Germany for at least 5 years
- are recognized internationally as outstanding researchers in their field
- are expected to continue producing cutting-edge research and have a lasting impact beyond their area of specialization
- completed their doctorate less than 18 years ago

### Program description

Award winners are honored for their outstanding research record and invited to conduct a research project of their own choice in Germany in close collaboration with fellow experts at a research institution in Germany.

### Support

Award of 45,000 euros

### Duration

6 to 12 months. The stay can be divided into blocks.

### Application

Nominations can be submitted at any time. It is not possible for researchers to apply themselves; nominations can only be made by established researchers employed at a university or another research institution in Germany. Nominations must be sent to the Alexander von Humboldt Foundation by post.

### More information:

Funding Programs of the Humboldt Foundation: <https://www.humboldt-foundation.de/web/sponsorship.html>

Alexander von Humboldt Foundation (AvH): <http://www.humboldt-foundation.de/web/home.html>

Fraunhofer-Gesellschaft: <http://www.fraunhofer.de/en/>



## Georg Forster Research Fellowship for Experienced Researchers

### Funded by

[Alexander von Humboldt Foundation \(AvH\):](#)

The AvH promotes research collaborations between excellent foreign and German researchers.

### Who can apply?

Senior researchers with

- citizenship of as well as principal place of residence and work in a developing country, emerging economy or transition state (excluding the People's Republic of China and India)
- excellent qualifications and a doctorate or a comparable academic degree completed less than 12 years ago
- their own, clearly defined research profile
- several years of independent research experience
- a good knowledge of German or English

### Requirements

Applicants must present a confirmation that research facilities are available, as well as a mentoring agreement and a detailed expert's statement by an academic host at a research institution in Germany.

### The Program description

Senior researchers in all disciplines from developing countries, emerging economies and transition states can carry out a research project in cooperation with an academic host of their choice in Germany. The research project must deal with issues of major relevance to the future development of the candidate's country or region of origin.

### Support

Fellowship of 3,150 euros per month plus language course, travel expenses, family allowance, extensive alumni sponsorship and allowance for research costs (for the host institution).

### Duration

6 to 18 months, can be divided up into a maximum of 3 blocks within 3 years.

### Application

Applications can be submitted online at any time. You can access the online application form on the program website.

### More information:

Funding Programs of the AvH: <https://www.humboldt-foundation.de/web/sponsorship.html>

Alexander von Humboldt Foundation (AvH): <http://www.humboldt-foundation.de/web/home.html>



## Georg Forster Research Award

### Funded by

[Alexander von Humboldt Foundation \(AvH\):](#)

The AvH promotes research collaborations between excellent foreign and German researchers.

### Who can apply?

Nominations can only be submitted by established researchers employed at a university or another research institution in Germany. Nominations can be submitted on behalf of senior scientists who

- are nationals of and have been living and working in developing countries, emerging economies or transition states for at least the last 5 years (excluding the People's Republic of China and India)
- are recognized internationally as outstanding researchers in their field and who have had a significant impact on their own discipline and beyond
- work on development-related subjects

### The Program description

Award winners are honored for their outstanding research record and are invited to conduct a research project of their own choice in Germany in close cooperation with fellow experts at a research institution in Germany. The award is granted to researchers from developing countries, emerging economies and transition states.

### Support

Award of 60,000 euros. In addition, award winners are invited to carry out research projects of their own choice in Germany in collaboration with fellow experts. To support the collaboration, additional funding of up to 25,000 euros can be granted for conference participation, materials and equipment.

### Duration

6 to 12 months. The stay can be divided into blocks.

### Application

One selection round per year, deadline: 15 January. It is not possible for researchers to apply themselves; nominations can only be made by established researchers employed at a university or another research institution in Germany. Nominations must be sent to the Alexander von Humboldt Foundation by post.

### More information:

Funding Programs of the Humboldt Foundation: <https://www.humboldt-foundation.de/web/sponsorship.html>

Alexander von Humboldt Foundation (AvH): <http://www.humboldt-foundation.de/web/home.html>



## Humboldt Research Award

### Funded by

[Alexander von Humboldt Foundation \(AvH\):](#)

The AvH promotes research collaborations between excellent foreign and German researchers.

### Who can apply?

Nominations can only be submitted by established researchers employed at a university or another research institution in Germany. Nominations can be submitted on behalf of senior researchers who

- have predominantly lived and worked outside Germany for at least 5 years
- are recognized internationally as outstanding researchers in their field and who have had a significant impact on their own discipline and beyond
- are expected to continue producing cutting-edge research

### The Program description

Award winners are honored for their outstanding research record and are invited to conduct a research project of their own choice in Germany in close collaboration with fellow experts at a German research institution.

### Support

Award of 60,000 euros.

### Duration

6 to 12 months. The stay can be divided into blocks.

### Application

One selection round per year, deadline: 15 January. It is not possible for researchers to apply themselves; nominations can only be made by established researchers employed at a university or another research institution in Germany. Nominations must be sent to the Alexander von Humboldt Foundation by post.

### More information:

Funding Programs of the Humboldt Foundation: <https://www.humboldt-foundation.de/web/sponsorship.html>

Alexander von Humboldt Foundation (AvH): <http://www.humboldt-foundation.de/web/home.html>



## Humboldt Research Fellowship for Experienced Researchers

### Funded by

[Alexander von Humboldt Foundation \(AvH\):](#)

The AvH promotes research collaborations between excellent foreign and German researchers.

### Who can apply?

Senior researchers who

- do not live and work in Germany
- have excellent qualifications and a doctorate or a comparable academic degree completed less than 12 years ago
- already have their own research profile
- have several years of independent research experience
- have a good knowledge of German or English

### Requirements

Applicants must present a confirmation that research facilities are available, as well as a mentoring agreement and a detailed expert's statement by an academic host at a research institution in Germany.

### The Program description

Senior researchers in all disciplines can carry out their own long-term research project in collaboration with an academic host of their choice at a research institution in Germany.

### Support

Fellowship of 3,150 euros per month plus language course, travel expenses, family allowances, extensive alumni sponsorship and allowance for research costs (for the host institution).

### Duration

6 to 18 months, can be divided up into a maximum of 3 blocks within 3 years.

### Application

Applications can be submitted online at any time. You can access the online application form on the program website.

### More information:

Funding Programs of the Humboldt Foundation: <https://www.humboldt-foundation.de/web/sponsorship.html>

Alexander von Humboldt Foundation (AvH): <http://www.humboldt-foundation.de/web/home.html>



# THE MAX PLANCK SOCIETY (MPG)



## Introduction

The Max Planck Society for the Advancement of Science is an independent, non-profit research organization. The primary goal of the Max Planck Society is to promote research at its own institutes. The Max Planck Institutes focus on excellence in research; it has a world-leading reputation as a science and technology research organization, and is generally regarded as the foremost basic research organization in Europe. Max Planck Society supports basic research for researchers or doctoral candidates who have completed a degree from a recognized University at a Master’s level. Candidates with a background in chemistry, physics, and technology may apply.

## Facts & Figures

Research institutes	83
Budget	2.1 BE/Year

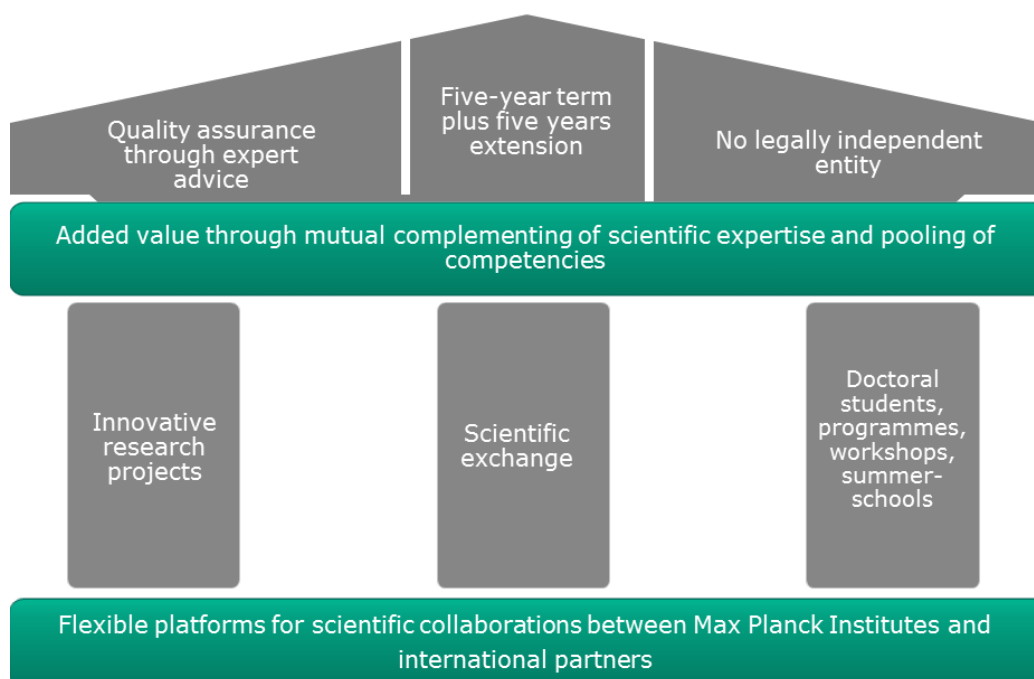
## Opportunities for faculty members

- Joint research projects
- Research group leader, partner group, and kick-off workshops

## Opportunities for students

- International Max Planck Research Schools (IMPRS): Bachelor graduate, Doctoral, Postdoctoral
- Structured PhD student training in cooperation with universities

## Overview







## Research areas under Chemistry, Physics and Technology

- Astronomy and astrophysics
- Chemistry
- Solid state research and material sciences
- Earth sciences and climate research
- Particle, plasma and quantum physics
- Complex systems
- Computer systems
- Computer science
- Mathematics

## Admission

There is no central procedure for admission or awarding scholarships to doctoral candidates. You can contact the Max Planck Institute or the International Max Planck Research School directly or visit their site at [www.max-planck.de](http://www.max-planck.de) for job offers.

- There is no set deadline for applying which means applicants may submit applications all year round.
- An employment contract is offered to doctoral students or a scholarship that provides financial support.

## Max Planck Institutes

- Max Planck Institute for Empirical Aesthetics, Frankfurt am Main
- Max Planck Institute for Biology of Ageing, Köln
- Max Planck Institute for Evolutionary Anthropology, Leipzig
- Max Planck Institute for Social Anthropology, Halle (Saale)
- Max Planck Institute for Astronomy, Heidelberg
- Max Planck Institute for Astrophysics, Garching
- Bibliotheca Hertziana - Max Planck Institute for Art History, Rom, Italy
- Max Planck Institute of Biochemistry, Martinsried
- Max Planck Institute for Biogeochemistry, Jena
- Max Planck Institute for Molecular Biomedicine, Münster
- Max Planck Institute of Biophysics, Frankfurt am Main
- Max Planck Institute for Brain Research, Frankfurt am Main
- Associated Institute - Research Center caesar (center of advanced european studies and research), Bonn
- Max Planck Institute of Molecular Cell Biology and Genetics, Dresden
- Max Planck Institute for Chemistry, Mainz
- Max Planck Institute for Biophysical Chemistry, Göttingen
- Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig
- Max Planck Institute for Research on Collective Goods, Bonn
- Max Planck Institute of Colloids and Interfaces, Potsdam-Golm
- Max Planck Institute for Biological Cybernetics, Tübingen



- Max Planck Institute for Demographic Research, Rostock
- Max Planck Institute for Developmental Biology, Tübingen
- Max Planck Institute for the Study of Religious and Ethnic Diversity, Göttingen
- Max Planck Institute for Dynamics and Self-Organization, Göttingen
- Max Planck Institute for Dynamics of Complex Technical Systems, Magdeburg
- Max Planck Institute for Chemical Ecology, Jena
- Max Planck Institute of Economics (1993 until 2014), Jena
- Max-Planck-Institut für Eisenforschung GmbH, Düsseldorf
- Max Planck Institute for Chemical Energy Conversion, Mülheim an der Ruhr
- Associated Institute - Ernst Strüngmann Institute (ESI) for Neuroscience in Cooperation with Max-Planck-Society, Frankfurt am Main
- Max Planck Institute for Evolutionary Biology, Plön
- Max Planck Florida Institute for Neuroscience, FL 33458, USA
- Friedrich Miescher Laboratory of the Max Planck Society, Tübingen
- Fritz Haber Institute of the Max Planck Society, Berlin
- Max Planck Institute for Molecular Genetics, Berlin
- Max Planck Institute for Gravitational Physics, Potsdam-Golm
- Max Planck Institute for Gravitational Physics (Hannover), Hannover
- Max Planck Institute for Heart and Lung Research, Bad Nauheim
- Max Planck Institute for the History of Science, Berlin
- Max Planck Institute for Human Development, Berlin
- Max Planck Institute for the Science of Human History, Jena
- Max Planck Institute of Immunobiology and Epigenetics, Freiburg
- Max Planck Institute for Infection Biology, Berlin
- Max Planck Institute for Informatics, Saarbrücken
- Max Planck Institute for Intelligent Systems, Stuttgart site, Stuttgart
- Max Planck Institute for Intelligent Systems, Tübingen site, Tübingen
- Max-Planck-Institut für Kohlenforschung, Mülheim an der Ruhr
- Kunsthistorisches Institut in Florenz - Max Planck Institute, Florenz, Italy
- Max Planck Institute for Social Law and Social Policy, München
- Max Planck Institute for Tax Law and Public Finance, München
- Max Planck Institute for Innovation and Competition, München
- Max Planck Institute for European Legal History, Frankfurt/Main
- Max Planck Institute for Comparative and International Private Law, Hamburg
- Max Planck Institute for Foreign and International Criminal Law, Freiburg
- Max Planck Institute for Comparative Public Law and International Law, Heidelberg
- Max Planck Institute Luxembourg for International, European and Regulatory Procedural Law, Luxemburg
- Max Planck Institute for Mathematics, Bonn
- Max Planck Institute for Mathematics in the Sciences, Leipzig
- Max Planck Institute for Medical Research, Heidelberg
- Max Planck Institute for Experimental Medicine, Göttingen
- Max Planck Institute for Metabolism Research, Köln



- Max Planck Institute for Meteorology, Hamburg
- Max Planck Institute for Terrestrial Microbiology, Marburg
- Max Planck Institute for Marine Microbiology, Bremen
- Max Planck Institute of Microstructure Physics, Halle/Saale
- Max Planck Institute of Neurobiology, Martinsried
- Max Planck Research Unit for Neurogenetics, Frankfurt am Main
- Max Planck Institute for Ornithology, Seewiesen
- Max Planck Institute for Ornithology (Radolfzell), Radolfzell
- Max Planck Institute for Chemical Physics of Solids, Dresden
- Max Planck Institute for Physics, München
- Max Planck Institute for the Science of Light, Erlangen
- Max Planck Institute for the Physics of Complex Systems, Dresden
- Max Planck Institute for Extraterrestrial Physics, Garching
- Max Planck Institute for Nuclear Physics, Heidelberg
- Max Planck Institute of Molecular Physiology, Dortmund
- Max Planck Institute for Plant Breeding Research, Köln
- Max Planck Institute of Molecular Plant Physiology, Potsdam-Golm
- Max Planck Institute for Plasma Physics, Garching
- Max Planck Institute for Plasma Physics (Greifswald), Greifswald
- Max Planck Institute for Polymer Research, Mainz
- Max Planck Institute of Psychiatry, München
- Max Planck Institute for Psycholinguistics, Nijmegen, Netherlands
- Max Planck Institute of Quantum Optics, Garching
- Max Planck Institute for Radio Astronomy, Bonn
- Max Planck Institute for the Study of Societies, Köln
- Max Planck Institute for Software Systems, Kaiserslautern site, Kaiserslautern
- Max Planck Institute for Software Systems, Saarbrücken site, Saarbrücken
- Max Planck Institute for Solar System Research, Göttingen
- Max Planck Institute for Solid State Research, Stuttgart
- Max Planck Institute for the Structure and Dynamics of Matter, Hamburg

### How to Apply for Max-Planck Society

- Go to the <http://www.mpg.de/jobboard>
- Select the desired “job type”, “research subjects” and “region”.
- Confirm your choice with “OK”.
- Then you could find all offers you could apply for.



# FRAUNHOFER SOCIETY



## Introduction

Fraunhofer is Europe’s largest application-oriented research organization. Its research efforts are geared entirely to people’s needs: transportation, production, health, security, communication, energy and the environment. The Fraunhofer Academy is the Fraunhofer-Gesellschaft’s specialist provider of further training for people in employment. Its study programs, certificate courses and series of seminars enable specialists and managers in business and industry to profit from a unique form of knowledge transfer from Fraunhofer research to companies. Fraunhofer also supports institutes with a program for female PhD students, junior researchers and established researchers that aims to increase the proportion of women in research.

## Facts & Figures

Institutes and research facilities	66
Budget	More than 2 BE/Year

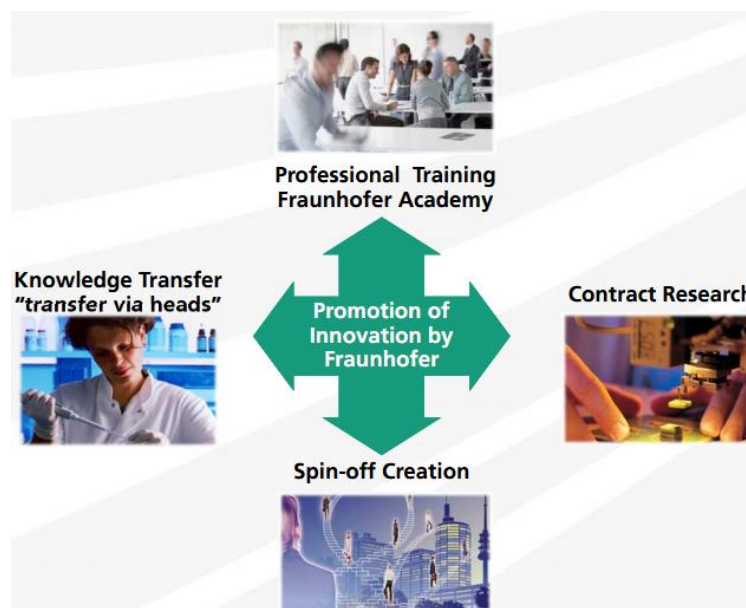
## Opportunities for faculty members

- Joint projects with Franhoufer staff with private sectors from both countries
- Funding for Joint supervision

## Opportunities for students

- Exchange of students
- PhD internship
- Professional training program (courses at the MSc level)

## Overview





Some Fraunhofer funding:

- Funding for Graduates and PhD Students
- Funding for Postdocs and Junior Researchers
- Funding for Senior Researchers

Customers and contractual partners are:

- Industry
- Service sector
- Public administration

## Fraunhofer Areas of Research

- Health and Environment  
(mobile HIV testing lab, bio-material design)
- Communication and Information  
(internet access for rural areas, IT-Security)
- Production and Services  
(smart production, cyber-physical systems)
- Mobility and Transportation  
(infrastructure for e-mobility, autonomous driving)
- Energy and Resources  
(efficiency, water projects)
- Safety and Security  
(resilience engineering, space debris risk assessment)

## Fraunhofer Groups

The Fraunhofer institutes are grouped in seven working alliances devoted to specific broad research areas. Their purpose is to coordinate work on related fields of research within the Fraunhofer-Gesellschaft, to pool essential resources in core disciplines, and to present a unified image in the marketplace. The spokesmen of the groups and the Executive Board together form the Presidential Council of the Fraunhofer-Gesellschaft.

- Information and Communication Technology
- Life Sciences
- Light & Surfaces
- Microelectronics
- Production
- Defense and Security
- Materials and Components



## How to Apply for Fraunhofer Gesellschaft

- Go to the <http://www.fraunhofer.de/en/jobs-career.html>
- Select your area of “current job offers”
- A new tab will be opened.

In new page:

- Select the desired institute, Discipline, Employment type, Location
- Now you could find the job offers you can apply for!



# HOW TO CONNECT WITH A GERMAN SCIENTIST





## How to Connect With a German Scientist

1. Search for a German counterpart in your field of research.
  - Search interesting publications.
  - Ask colleagues with contacts in Germany (e.g. Humboldtians at your institute)
  - Search via search engine developed by Office of Scientific and International Cooperation
    - [Intrel Search Engine](#)
  - Search the Humboldt Foundation's Network Online
    - Network Online can be used to locate Humboldtians' host institutes.
    - searches can be filtered by subject area, location or keyword
    - [humboldt-foundation.de](http://humboldt-foundation.de) -> Humboldt Network -> Searching the network
  - Search via the DAAD and DFG "Research Explorer"
    - The Research Explorer contains over 23,000 institutes at German universities and non-university research institutions, searchable by geographic location, subject and other structural criteria.
    - [www.research-explorer.de](http://www.research-explorer.de)
2. Advise him/her to know about the opportunities given by German Funding Organizations.
3. Write a proposal and send to your counterpart to receive his/her general acceptance.



## Cover Letter

Cover letter should contain information about applicant, his/her field of research, his/her proposed subject and duration of research. A sample of cover letter is given below:

Dear Dr. **John Smith**,

I am **Amir Golroo** (<http://www.aut.ac.ir/official/main.asp?uid=agolroo>), an **assistant** professor of Amirkabir University of Technology (AUT). AUT is the first engineering university established in Iran. According to Shanghai global ranking AUT is among the top 200 technical universities worldwide. With about 526 well-educated faculty members stationed at 16 engineering departments as well as 24 research centers and institutes and 16 centers of excellence, AUT is the only university in Iran offering international programs at BSc, MSc and PhD levels, in English. AUT has experienced different collaborative programs with various international universities, where it has initiated and developed its partnership with signing an MoU and sustaining and expanding the collaboration by implementing an MOA. AUT is proud of establishing initial connection with the best German funding organizations and institutions i.e., DFG, DAAD, AvH, Max Planck, and Fraunhofer, which can provide financial support for international projects that are of mutual interest with German counterparts.

Browsing your website, it is evident that there are mutual research fields of interest which can be explored. I propose that a mutual proposal on **solar roads** is prepared to be presented to the aforementioned organizations for financial support. I have taken the initiative to prepare a first draft of this proposal which you can find attached. Please let me know if you generally agree with this suggestion. If so, kindly advise me your comments on the proposal. Since delegates from AUT are going to meet these organizations in late January 2016, I appreciate it if you can send me your comments by **9<sup>th</sup> of Jan. 2016**.

Looking forward to receiving your response.

Best Regards,

**Amir Golroo**

**Assistant** Professor

Amirkabir University of Technology

<http://www.aut.ac.ir/official/main.asp?uid=agolroo>



## Proposal

The research proposal is an important step in developing a research project. In the first instance it helps you to further define your research question and enables you to demonstrate how you intend to go about answering that question. Secondly, the research proposal is able to give an overview of the research project so that other people understand the scope of the research, the significance of the research, as well as your proposed methodology and chosen research method.

The research proposal also has a formal use by funding agencies, ethical boards, educational and research institutions. These institutions use research proposals to evaluate and assess the research project and make decisions on funding, support, academic merit and ethical issues. Proposals are often highly scrutinised, so it is important that they are well thought out and written. The proposal should provide evidence that your research is of value, that you the researcher are capable of conducting this research, and that the way in which you have chosen to study the subject is sound and ethical.

You could find a template of a proposal in next pages.



Submitted by:	Name Street City, Country, Postal Code
Title of Proposal:	
Proposed Amount:	\$
Period of Performance:	
Technical Point of Contact:	Name Telephone No. e-mail address
Submitted On:	Date



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**8.0 COST ..... ERRO**  
 ..... ERRO  
 R! BOOKMARK NOT DEFINED.

**APPENDIX A. ENTER APPENDIX TITLE OR DELETE IF NOT NEEDED ..... ERRO**  
 ..... ERRO  
 R! BOOKMARK NOT DEFINED.

**APPENDIX B. ENTER APPENDIX TITLE OR DELETE IF NOT NEEDED ..... ERRO**  
 ..... ERRO  
 R! BOOKMARK NOT DEFINED.



**1.0 ABSTRACT**

A concise (approximately 200 words) abstract of the proposed effort.



## **2.0 BACKGROUND, OBJECTIVE, AND TECHNICAL APPROACH**

A description (in sufficient detail to evaluate your proposal) of the scientific or engineering background, objective, and technical approach for each proposed task. You should include any information pertaining to prior significant and related work.

### **2.1 Background**

### **2.2 Objective**

### **2.3 Technical Approach**



### 3.0 STATEMENT OF WORK

An outline the tasks to be performed, who will perform them, and how they will be managed. Provide approximate time, cost, and other information appropriate to each task. Provide a program milestone chart that includes a detailed list of tasks and subtasks and their duration. Clearly identify contract deliverables.

#### 3.1 Task Outline

##### 3.1.1 Task 1 – Enter Task Title

Describe the task, who will perform it, and how it will be managed.

##### 3.1.2 Task 2 – Enter Task Title

Describe the task, who will perform it, and how it will be managed.

##### 3.1.3 Task 3 – Enter Task Title

Describe the task, who will perform it, and how it will be managed.

#### 3.2 Resource, Time, and Cost of Task Activities

**Table 0-1. Summary Table of Resource, Time, and Cost for Task Activities**

TASKS	TOTAL HOURS	TOTAL COST (\$)
Task 1. Enter Task Title		
Enter labor category name	hours	cost
Enter labor category name	hours	cost
Task 2. Enter Task Title		
Enter labor category name	hours	cost
Enter labor category name	hours	cost
Task 3. Enter Task Title		
Enter labor category name	hours	cost
labor category	hours	cost
Enter labor category name		
Materials, Hardware		cost
Miscellaneous Materials		cost
TOTAL	total hours	total cost

#### 3.3 Schedule

Provide a program milestone chart that includes a detailed list of tasks and subtasks and their duration. Clearly identify contract deliverables.

**Figure 1. Milestone Chart**





#### **4.0 KEY PERSONNEL**

The name and a brief (no more than 1/2 page) biography of the key personnel who will be participating in the effort.

##### **4.1 Name**

##### **4.2 Name**



**5.0 OTHER REQUESTED SUPPORT**

The rationale for any requested support of your facilities, equipment, or materials, including any required Government furnished property.



## **6.0 FACILITIES**

A description of general and special facilities available for performing the proposed work (if applicable).



## **7.0 CURRICULUM VITAE OR RÉSUMÉS**

Please include your most significant publications that relate directly to the proposed project and document your preliminary work. This list serves as an important basis for assessing your proposal.



## CONTACT US



FOR MORE INFORMATION,  
DO NOT HESITATE TO CONTACT US AT:

Office of International and Scientific Cooperation,  
4<sup>th</sup> floor, Farabi Building

+98-21-6454 3532

[intrel@aut.ac.ir](mailto:intrel@aut.ac.ir)