Horizon Europe and other (international) funding possibilities

Dr. Robert Fuchs
Dr. Mario Müller

MCnet Meeting; 22nd of Sep. 2022
Research Funding by the European Commission

The journey towards European Funding starts at the Funding and Tenders Portal

https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/home
Research Funding by the European Commission

The journey towards European Funding starts at the Funding and Tenders Portal

Funding and Tenders Portal:

- Information (Work Programs)
- Submission
- Negotiation and signing of contracts
- Reporting
- Accounting
- for Recruiting Evaluators
- Consultations
HORIZON EUROPE (2021-2027)

Framework program; Budget: 95.5 Billion Euros

Pillar 1
Excellent Science
- ERC European Research Council
- MSCA Marie Skłodowska-Curie Actions
- Research Infrastructures

Pillar 2
Global Challenges and European Industrial Competitiveness
- Health
- Culture, Creativity and Inclusive Society
- Civil Security for Society
- Digital, Industry and Space
- Climate, Energy and Mobility
- Food, Bioeconomy, Natural Resources, Agriculture and Environment
- Joint Research Centre

Pillar 3
Innovative Europe
- European Innovation Council
- European innovation ecosystems
- European Institute of Innovation and Technology

Widening Participation and Strengthening the European Research Area
- Widening participation and spreading excellence
- Reforming and Enhancing the European R&I system

Source: European Commission
Main features to characterize a program

Funding of single researchers (e.g. ERC, MSCA)  
*versus*  
Collaborative Research  
(a project consortium is required!)

**Bottom Up funding** (e.g. ERC, MSCA, EIC-Pathfinder)  
*versus*  
**Top down topic-driven funding**  
(Collaborative Research)
HORIZON EUROPE (2021-2027)

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Source: European Commission
ELIGIBLE COUNTRIES

• **Member States EU 27**

and Associated Countries: negotiations partly ongoing

**Special situation for:**
UK after BREXIT: association unclear at the moment due to political reasons

**Switzerland:** Not associated but complementary funding available!

Current Negotiations with **Canada, New Zealand** and at an earlier stage with **Japan, Korea and Singapore**

• **Exception:** When mentioned in calltext, some exceptions (US in Cluster 1) or essential expertise is lacking in Europe further countries are eligible.

• **Furthermore, low to middle income countries are eligible**

Current state: 01.07.2022: [List of Participating Countries in Horizon Europe](https://en.wikipedia.org/wiki/European_Union)
HORIZON EUROPE (2021-2027)

**Pillar 1**
Excellent Science
- European Research Council
- Marie Skłodowska-Curie Actions
- Research Infrastructures

**Pillar 2**
Global Challenges and European Industrial Competitiveness
- Clusters:
  - Health
  - Culture, Creativity and Inclusive Society
  - Civil Security for Society
  - Digital, Industry and Space
  - Climate, Energy and Mobility
  - Food, Bioeconomy, Natural Resources, Agriculture and Environment
- Joint Research Centre

**Pillar 3**
Innovative Europe
- European Innovation Council
- European innovation ecosystems
- European Institute of Innovation and Technology

Widening Participation and Strengthening the European Research Area
- Widening participation and spreading excellence
- Reforming and Enhancing the European R&I system

Source: European Commission
Work programs

HORIZON EUROPE

Strategic Plan 2021-2024 (4 Years)

For 7 Years

Published every 2 years (ERC/EIC yearly)

Work Program

Calls

yearly

Projects

Source: KOWI
Pillar 1
Excellent Science

Research Infrastructures
ERC in a nutshell

**STARTING**
2-7 years post PhD*
max. 1,5 (-2,5) Mio € for 5 years
next deadline: Oct 25, 2022*

**CONSOLIDATOR**
7-12 years post PhD*
max. 2,0 (- 3,0) Mio € for 5 years
next deadlines: Feb 02, 2023*

**ADVANCED**
outstanding 10 years track record
max. 2,5 (- 3,5) Mio € for 5 years
next deadlines: May 23, 2023

**SYNERGY**
max 10 Mio (-14 Mio) € for 6 years
next deadline: Nov 08, 2022

**PROOF OF CONCEPT**
150.000 € for 18 months
next deadlines: May 23, 2023

Eligibility time-window can be extended in defined cases, e.g. for maternity, parental leave, long-term illness.

*: Eligibility reference date: 1.1.2023

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ERC: European Research Council | (europa.eu)
Especially interesting for early stage researchers (PhD-candidates and Postdocs) of all disciplines!
BASIC IDEAS OF THE MARIE-SKŁODOWSKA-CURIE ACTIONS

• Endowing researchers with new skills and a wider range of competences, while offering them attractive working conditions, is a crucial aspect of the MSCA.

→ TRAINING OF RESEARCHERS and CAREER DEVELOPMENT

• In addition to FOSTERING MOBILITY between countries, the MSCA also seek to BREAK the real and perceived BARRIERS between academic and other sectors, especially business

Support of:
• Education
• Career development

Key Features:
• Excellence
• Training
• International / Interdisciplinary / Intersectoral
ELIGIBILITY

Mobility is a main principle of MSC-actions!

Mobility rule
At the time of recruitment by the host organisation, the researcher must not have resided or carried out their main activity (work, studies, etc.) in the country of their host organisation for more than **12 months in the 3 years immediately prior** to the reference date.
SUMMARY OF DIFFERENT MSCAS

- **MSCA Doctoral Networks**: Deadline: Nov 15, 2022
- **MSCA Postdoctoral Fellowships (MSCA-PF)**: Deadline: Autumn, 2023
- **MSCA Staff Exchanges**: Deadline: 8th of March 2023
- **MSCA COFUND** (Co-funding of regional, national and intern. programs)
- **MSCA & Citizens** (European Researchers´Night)
MSC-DN: ONE ACTION, THREE DIFFERENT MODES

- **Doctoral Networks** (standard): training in academia and/or industry
- **Industrial Doctorates:**
  - training in academia and industry
  - joint supervision
- **Joint Doctorates:**
  - joint collaborations leading to a joint/multiple doctoral degree
  - joint selection and supervision
  - pre agreement for joint degrees required

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MSC-DN: SIZE, DURATION, RESUBMISSION AND CALLS

• Size
  – max. 360 pm (standard) + max. 180 additional pm for Joint or Industrial Doctorates (incentive)
  – max. 40.0% of the EU contribution allocated to one country

• Duration
  – action: max. 48 months
  – fellow’s employment: 3-36 months
  – secondments: worldwide, up to 1/3 of the fellowship duration
  – Industrial Doctorates: 50% in the non-academic sector; can be in the same country as the academic host organization

• Resubmission restriction: proposals that score < 80% must not be resubmitted the following year

• Calls: 3 May 2022 - 15 Nov 2022

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Postdoctoral Fellowships fund Postdocs looking to enhance their career development and prospects by **working abroad**.

- This action is meant to support the best and most promising individual researchers **from anywhere in the world**.

- Applications are only possible for researchers holding a PhD and **not having been active in research for more than 8 years (full time!) after the PhD had been awarded**. Career breaks don’t count. **Reference date: Deadline of the call.**
2 TYPES OF POSTDOCTORAL FELLOWSHIPS

1.) European Postdoctoral Fellowships

- Open to researchers from all nationalities either coming to Europe or moving within Europe
- 12-24 months (+ optional 6 months additional placement in non-academic sector)

2.) Global Postdoctoral Fellowships

- Only for citizens or long term residents of EU-member states (MS) or associated countries (AC)
- For European researchers to do research outside of Europe
- Obligatory return phase in Europe
  - „outgoing“ phase: 12-24 months
  - „return“ phase: 12 months (MS/AC) (+ optional 6 months additional placement in non-academic sector)
  
  *Mobility rule only applies for the „outgoing host“*

Workshop for incoming PF-applicants:  ➔ link

  Physical workshop (spring 2023) (reimbursement available)
MSCA Staff Exchanges

• Only top-up funding for employed staff to fund secondments!
  Maximum 360 person months for 4 years; 1-12 months secondment activities or funding of networking and training activities as well as coordination, management and overhead costs

• Promote, innovative, international, inter-sectoral and interdisciplinary collaboration in research and innovation through exchanging staff and sharing knowledge and ideas at all stages of the innovation chain

• International, intersectoral, interdisciplinary secondments → New: Interdisciplinary secondments possible between different MS/AC (max. 1/3 of the action’s total pm), e.g. academia to academia

• Staff must be actively engaged in or linked to R&I activities for at least 1 month (full-time equivalent) at the sending institution before the first secondment

• Consortium: min. three different legal entities in three different countries, at least two of them in MS/AC if all participating organisations are from the same sector (only academic or only non-academic), there must be at least one organisation from a Third Country

• Duration of the action: 48 months; secondments: 1-12 months (may be split into several stays with one or several hosts)
COST

- COST funds **interdisciplinary research networks** called COST Actions. These Actions bring together researchers, innovators and other professionals including industry specialists, who are based in Europe and beyond, to collaborate on research topics for a period of 4 years. The funding a COST Action receives covers the expenses of **networking activities** rather than research and as such is used to organise **meetings, training schools, short term scientific missions, and other networking activities**.

- A network of proposers from at least seven COST Full or Cooperating Members amongst which \( \geq 50\% \) shall be from COST **Inclusiveness Target Countries**.

- **Next Deadline:** 20\(^{th}\) of October 2022

- **Application:** 15 pages

- **Members:**
  
  [https://www.cost.eu/about/members/](https://www.cost.eu/about/members/)

- Possibility to join running action: [https://www.cost.eu/cost-actions-event/browse-actions/](https://www.cost.eu/cost-actions-event/browse-actions/)
Pillar 2 Collaborative Research

Global Challenges & European Industrial Competitiveness

- Minimum of 3 partners from 3 different member states (MS) or associated countries (AS)
- Partners can be - amongst others - universities, research organisations and companies!
- Generally application orientated projects/ applied research with defined goals!
Collaborative Research in HEU-Pillar 2

Global Challenges & European Industrial Competitiveness

• A sustainable, fair and prosperous future for people and planet based on European values

• Helping to achieve Sustainable Development Goals

• **Green Deal**: Tackling climate change (35% HEU budgetary target)

• Boosting the Union's competitiveness and growth

• Mission orientated

Source: UNO
CLUSTERS in Pillar 2

Pillar 2
Global Challenges and European Industrial Competitiveness

Source: European Commission
Work programs

Top down topic-driven funding

Content:

• Introduction to „Destination“ – embedding of the topics
• Topic
• Expected Outcome
• Scope
• Type of Action (RIA, IA, CSA)
• Deadlines
• Budget
• Application procedure (1-stage or 2-stage procedure)
• Special regulations
Example for a Work Program

HORIZON-CL2-2022-DEMOCRACY-01-07: Politics and the impact of online social networks and new media

<table>
<thead>
<tr>
<th>Specific conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expected EU contribution per project</td>
</tr>
<tr>
<td>Indicative budget</td>
</tr>
<tr>
<td>Type of Action</td>
</tr>
</tbody>
</table>

**Expected Outcome:** Projects should contribute to all of the following expected outcomes:

- Understand the changes wrought on democratic processes by new technologies.
- Produce evidence-based recommendations to address the opportunities and challenges for political behaviour and democratic engagement presented by social platforms and new media.
- Enhance capacities for digital citizenship.

**Scope:** Social media and other internet-based platforms are intertwined with political life. They play an important role in allowing people to design, consume and share political news, seek political information and discuss, make decisions, donate money, or engage with political parties and other organisations. Furthermore, these platforms and media are supposed to open new avenues to political engagement and democratic participation. However, developments in the recent past have created anxieties about their capacity to protect citizens from disinformation and to serve as balanced and open fora for democratic debates. Social platforms and new media are increasingly perceived as conducive to the creation of ideological “echo-chambers” eroding the space for public dialogue. They are seen as fostering polarisation, radicalisation, depoliticisation, spreading misinformation and subject to manipulation. At the same time, they have been used in attempts to covertly influence the political choices of citizens, thus sapping their democratic credentials.

Proposals are expected to address some of the following: they should build Europe-wide evidence on the extent to which political opportunities and information offered by platforms and new media – and resulting impacts, such as the “echo-chambers” effect – affects political attitudes in European states and at the level of the EU and its neighbourhood. Whether and how new media function as a new level of news selection and study the resulting perception biases with citizens should be assessed. Research should examine the extent to which platforms and new media actually help democratising political systems and offer avenues of active engagement, or hinder participation for some. The effects of the replacement of media consumption with content consumption should also be examined. Proposals should investigate how audiences of different ages, different genders and different socio-economic conditions react to different contents and platforms.

### Conditions for the Call

**Indicative budget(s)**

<table>
<thead>
<tr>
<th>Topics</th>
<th>Type of Action</th>
<th>Budgets (EUR million)</th>
<th>Expected EU contribution per project (EUR million)</th>
<th>Number of projects expected to be funded</th>
</tr>
</thead>
<tbody>
<tr>
<td>HORIZON-CL2-2022-DEMOCRACY-01-01</td>
<td>RIA</td>
<td>9.00</td>
<td>2.00 to 3.00</td>
<td>3</td>
</tr>
<tr>
<td>HORIZON-CL2-2022-DEMOCRACY-01-02</td>
<td>RIA</td>
<td>9.00</td>
<td>2.00 to 3.00</td>
<td>3</td>
</tr>
<tr>
<td>HORIZON-CL2-2022-DEMOCRACY-01-03</td>
<td>RIA</td>
<td>9.00</td>
<td>2.00 to 3.00</td>
<td>3</td>
</tr>
<tr>
<td>HORIZON-CL2-2022-DEMOCRACY-01-04</td>
<td>RIA</td>
<td>9.00</td>
<td>2.00 to 3.00</td>
<td>3</td>
</tr>
</tbody>
</table>

Opening: 20 Jun 2022
Deadline(s): 20 Apr 2022
Types of funding actions

(most important ones for universities)

- **Research and Innovation Actions (RIA):** Activities aiming to establish new knowledge and/or to explore the feasibility of a new or improved technology, product, process, service or solution. For this purpose they may include **basic and applied research**, technology development and integration, testing and validation on a small-scale prototype in a laboratory or simulated environment. Projects may contain closely connected but limited demonstration or pilot activities aiming to show technical feasibility in a near to operational environment.

- **Innovation Actions (IA):** Activities directly aiming at producing plans and arrangements or designs for **new, altered or improved products, processes or services**. For this purpose they may include prototyping, testing, demonstrating, piloting, large-scale product validation and market replication.

- **Coordination and Support Actions (CSA):** Accompanying measures such as standardisation, dissemination, awareness-raising and communication, networking, coordination or support services, policy dialogues and mutual learning exercises and studies.
Missions

Are implemented in an own work program of pillar 2 (10% of funding of pillar 2).

Mission Area 1: Adaptation to Climate Change, including Societal Transformation
Mission Area 2: Cancer
Mission Area 3: Healthy Oceans and Natural Waters
Mission Area 4: Carbon-Neutral and Smart Cities
Mission Area 5: Soil Health for sustainable food

Source: Council of the European Union, Interinstitutional File: 2018/0225(COD), Brussels, Feb 4 2019,
What are European Partnerships?

- Joint Project Calls of private and/or public partners with the EU
- European Partnerships are associated with the topics of the Clusters in Pillar 2
- 49 Partnerships programs were approved
- It is only possible to apply for funding when Austria is a partner in the respective European Partnership

Example for such a Partnership: European Biodiversity Partnership: Biodiversa+

Biodiversa+, the new European co-funded biodiversity partnership — jointly developed by BiodivERsA and the European Commission (DG Research & Innovation and DG Environment) officially started on the 1st of October 2021.

Being a part of the European Biodiversity Strategy for 2030 to build the bridge between science, policy and practice, Biodiversa+ gathers 74 research programmers and funders and environmental policy actors from 37 European and associated countries to work on 5 main objectives:
There is the Commitment of Austria to participate in following European Partnerships:

<table>
<thead>
<tr>
<th>Europäische Partnerschaft</th>
<th>Ressort(s)</th>
<th>Financial contribution (2021-2027, gesamt)</th>
<th>In-kind contributio (2021-2027, gesamt)</th>
</tr>
</thead>
<tbody>
<tr>
<td>European Open Science Cloud (EOSC) Partnership</td>
<td>BMBWF</td>
<td>11,2 Mio. €</td>
<td>14,0 Mio. €</td>
</tr>
<tr>
<td>European Partnership for Chemical Risk Assessment</td>
<td>BMK</td>
<td>8,1 Mio. €</td>
<td>0,8 Mio. €</td>
</tr>
<tr>
<td>European Partnership – ERA for Health</td>
<td>BMBWF</td>
<td>7,2 Mio. €</td>
<td></td>
</tr>
<tr>
<td>European Partnership on Transforming Health and Care Systems</td>
<td>BMK</td>
<td>7,0 Mio. €</td>
<td>4,9 Mio. €</td>
</tr>
<tr>
<td>European Partnership – Driving urban transitions to a sustainable future</td>
<td>BMK</td>
<td>2,9 Mio. €</td>
<td>3,8 Mio. €</td>
</tr>
<tr>
<td>European Partnership for Clean Energy Transition</td>
<td>BMK</td>
<td>42,0 Mio. €</td>
<td>1,4 Mio. €</td>
</tr>
<tr>
<td>European Partnership Rescuing Biodiversity to Safeguard Life on Earth</td>
<td>BMK</td>
<td>12,0 Mio. €</td>
<td>0,8 Mio. €</td>
</tr>
<tr>
<td>European Partnership for Blue Oceans</td>
<td>BMBWF</td>
<td>4,9 Mio. €</td>
<td>10,0 Mio. €</td>
</tr>
<tr>
<td>European Partnership Water Security for the Planet</td>
<td>BMBWF</td>
<td>10,0 Mio. €</td>
<td>2,0 Mio. €</td>
</tr>
<tr>
<td>European Partnership for Innovative SMEs</td>
<td>BMDW</td>
<td>24,5 Mio. €</td>
<td></td>
</tr>
<tr>
<td>European Partnership on Metrology</td>
<td>BMDW</td>
<td>0,1 Mio. €</td>
<td>0,8 Mio. €</td>
</tr>
<tr>
<td>EU-Africa Global Health Partnership</td>
<td>BMBWF</td>
<td>2,0 Mio. €</td>
<td></td>
</tr>
<tr>
<td>European Partnership for High Performance Computing</td>
<td>BMBWF</td>
<td>10,5 Mio. €</td>
<td>3,6 Mio. €</td>
</tr>
<tr>
<td>European Partnership for Key Digital Technologies</td>
<td>BMK</td>
<td>42,0 Mio. €</td>
<td></td>
</tr>
</tbody>
</table>

Source: FFG
Pillar 3
Innovative Europe

STRONG FOCUS ON INNOVATION

Sources: European Commission/ ESA
The European Innovation Council (EIC)

EIC PROGRAMMES – FROM IDEA TO INVESTMENT

**TRL**
1. Basic principles observed
2. Technology concept formulated
3. Experimental proof of concept
4. Technology validation in lab.
5. Technology validation in relevant environment
6. Demonstration in relevant environment
7. Demonstration in operational environment
8. System complete and qualified
9. Successful mission operations

Programmes
- Pathfinder Projects
- Accelerator Projects

**Goal**
- Achieve the proof of concept
- Tech validation & develop market readiness
- Market deployment & scale-up

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The European Innovation Council (EIC)

**IS IT FOR YOU?**

**Visionary scientists**
- Do you have a vision for a future radically new deep technology?
- Do you see a plausible way of achieving the scientific breakthrough that will make this technology possible?
- Can you imagine collaborating with an interdisciplinary team of researchers and innovators to realise the proof of principle?

**Entrepreneurial spirit**
- Have you identified Pathfinder, FET or ERC Proof of Concept project results that could be the basis for new businesses?
- Is this novel technology ready for the next steps towards its maturation and validation?
- Do you envisage building a motivated entrepreneur-lead team to increase its market readiness?

**Business unicorns**
- Do you have a high-impact innovative product/service/business model that could create new markets or disrupt existing ones in Europe and even worldwide?
- Are you a start-up or a small and medium-sized enterprise (SME) with the ambition to scale up?
- Are you looking for substantial funding but the risks involved are too high for private investors alone to invest?

**Pathfinder** up to 4 M

**Transition Activities** up to 2,5 M

**Accelerator** up to 17,5 M

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EIC – Pathfinder Open

PATHFINDER: WHO & WHAT

Who I am

- Consortia of at least 3 different independent legal entities (e.g. research organisations, universities, SMEs, industry) established in at least 3 different countries

What I propose

- Convincing long-term vision of a radically new deep-tech development
- Concrete, novel and ambitious science-towards-technology breakthrough ideas
- High-risk/high-gain research approach and methodology, with concrete and plausible objectives.

What I can get

- Grants of up to €3 Million to achieve the proof of principle and validate the scientific basis of breakthrough technology (e.g. TRL 1-4)
- An optional additional grants up to €50,000 to undertake complementary activities to explore potential pathways to commercialisation.
- 100% of eligible costs will be covered.

Cut off Date: 2nd of May 2022

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EIC – Pathfinder Challenges

EIC PATHFINDER – WHAT’S NEW?

CoD 19 Oct. 2022
• Carbon dioxide and nitrogen management and valorisation
• Mid to long term and systems integrated energy storage
• Cardiogenomics
• Towards the healthcare continuum: technologies to support a radical shift from episodic to continuous healthcare
• DNA-based digital data storage
• Alternative approaches to quantum Information processing, communication, and sensing

Proposed for 2023 (not approved yet!)
• Clean & efficient cooling
• Precision nutrition
• Responsible electronics
• In-space solar power harvesting & propulsion
• Technologies for built environment

New
• 4 new EIC Programme Managers (Challenge definition, Portfolio management), 8 in total.

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APPLICATION

Proposals can be submitted solely in the framework of specific calls with strict deadlines, via the Funding and Tenders Portal. The calls are based on specific work programs. → Drafts of work programs are available before opening of the calls via national contact points.

Templates are provided for the preparation of the proposals.

- **RIAs und IAs:**
  - One Stage: 45 Pages
  - Two Stages: 10 Pages / 45 Pages

- **CSAs:**
  - 30 Pages

- **ERC:**
  - 1. Stage: (B1) 5 Pages
  - 2. Stage: (B2) 14 Pages (B1+B2 submitted in parallel)

- **MSCA:**
  - Doctoral Networks: 30 Pages
  - Postdoctoral Fellowships: 10 Pages
  - Staff Exchanges: 32 Pages

- **EIC:**
  - Pathfinder Open: 17 Pages
  - Pathfinder Challenges: 25 Pages
Method to establish the priority order for each group of proposals with the same score, starting with the group achieving the highest score and continuing in descending order:

1. Aspects of the call that have not otherwise been covered by more highly ranked proposals
2. Scores on ‘Excellence’ then on ‘Impact’ (for IAs, scores on ‘Impact’ then ‘Excellence’)
3. Gender balance among personnel named in the proposal who will be primarily responsible for carrying out the research and/or innovation activities, and who are included in the researchers table in the proposal
4. Geographical diversity
5. Other factors set by the panel
Thank you for your attention!
Other national / international funding possibilities from the Austrian perspective
Weave is a bottom-up cross-European funding scheme developed by European research funders to support excellent collaborative research projects.

Weave supports collaborative research proposals involving researchers from up to three European countries or regions, through a single evaluation of the proposals.
Bilateral & Trilateral cooperation is possible with PIs located in:

- Austria/ FWF
- Belgium/ Flanders (FWO)
- Czech Republic/ GACR
- Germany/ DFG
- Luxembourg/ FNR
- Poland/ NCN
- Slovenia/ ARRS
- Switzerland/ SNSF

<table>
<thead>
<tr>
<th>Lead Agency / Country</th>
<th>additional partner agency / country</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARRS / Slovenia</td>
<td>HRZZ – Croatian Science Foundation / Croatia</td>
</tr>
<tr>
<td>FNR / Luxembourg</td>
<td>Formas – Swedish Research Council for Sustainable Development</td>
</tr>
<tr>
<td></td>
<td>F.R.S. – FNRS – Fund for Scientific Research / Wallonia, Belgium</td>
</tr>
<tr>
<td>FWO / Flanders, Belgium</td>
<td>F.R.S. – FNRS – Fund for Scientific Research / Wallonia, Belgium</td>
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<td>F.R.S. – FNRS – Fund for Scientific Research / Wallonia, Belgium</td>
</tr>
</tbody>
</table>
Calls & Deadlines:

<table>
<thead>
<tr>
<th>Proposal including researchers based in...</th>
<th>FWF acts as Lead Agency</th>
<th>Other funding organization acts as Lead Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Belgium/Flanders (FWO)</td>
<td>Currently no call (next call in 2023)</td>
<td>Currently no call (next call in 2023)</td>
</tr>
<tr>
<td>Czech Republic (GACR)</td>
<td>Submission possible anytime, no deadline</td>
<td>Currently no call (next call in 2023)</td>
</tr>
<tr>
<td>Germany (DFG)</td>
<td>Submission possible anytime, no deadline</td>
<td>Submission possible anytime, no deadline</td>
</tr>
<tr>
<td>Luxembourg (FNR)</td>
<td>Submission possible anytime, no deadline</td>
<td>Currently no call (next call in 2023)</td>
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<tr>
<td>Poland (NCN)</td>
<td>Submission possible anytime, no deadline</td>
<td>15 December 2022</td>
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<tr>
<td>Slovenia (ARRS)</td>
<td>Submission possible anytime, no deadline</td>
<td>Currently no call (next call in 2023)</td>
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<tr>
<td>Switzerland (SNSF)</td>
<td>Submission possible anytime, no deadline</td>
<td>2 annual deadlines: 1 April 2022, 1 October 2022</td>
</tr>
</tbody>
</table>
WEAVE-Basics

- **Basic research of all fields of science is funded**

- **Duration of projects:** 24-48 months depending on the research organisations involved

- **Cost calculation:** The project parts will be financed separately by the respective national/regional funding agency in accordance with their standard rules. For calculating the costs, the guidelines of the respective national/regional funding organization apply.
• It is possible that Austrian researchers participate in DFG-funded „Sonderforschungsbereiche/Transregio (SFB)“ (Collaborative Research Centres) and „Forschungsgruppen (FOR)“ (Research Units).

It is NOT possible to participate as Austrian researcher at a DFG- „Schwerpunktprogrammen (SPP)“.

• Vice versa it is possible that German researchers participate in Austrian Spezialforschungsbereiche (SFBs) Special Research Programmes.
**FWF–DFG: Coordinated Programs**

### Austrian participation in Coordinated Programs of the DFG

<table>
<thead>
<tr>
<th>DFG Funding instrument</th>
<th>Lead-Agency-Procedure</th>
<th>Modified Lead-Agency-Procedure respectively FWF-project scheme</th>
<th>Application not possible</th>
</tr>
</thead>
<tbody>
<tr>
<td>SFB/Transregio</td>
<td>Up to 2 Austrian projects</td>
<td>5 or more Austrian projects → FWF SFB</td>
<td>3-4 projects</td>
</tr>
<tr>
<td>Forschungsgruppen</td>
<td>Up to 2 Austrian projects</td>
<td>Not applicable</td>
<td>3 or more projects</td>
</tr>
</tbody>
</table>

### German participation in Coordinated Programs of the FWF

<table>
<thead>
<tr>
<th>FWF - Funding instrument</th>
<th>Lead-Agency-Procedure</th>
<th>Modified Lead-Agency-Procedure respectively FWF-project scheme</th>
</tr>
</thead>
<tbody>
<tr>
<td>SFB</td>
<td>Up to 2 German projects</td>
<td>Larger participation possible when the DFG-requirements for the set up of a SFB are fullfilled</td>
</tr>
</tbody>
</table>
FWF-programs for the exchange of scientific talents

- ESPRIT
- Schrödinger Fellowships
ESPRIT
Career Advancement for Postdocs

For Postdocs!

Target-Group:
The ESPRIT Programme ("Early Stage Programme: Research, Innovation and Training") is addressed to highly qualified postdocs from Austria and abroad working in all disciplines at the beginning of their academic career who wish to carry out an independent research project at an Austrian research institute.

Requirements
• Doctoral degree awarded no more than 5 years prior to the time of application
• International scientific/scholarly publications
• Mentor

Duration: 36 months (cannot be extended)

Amount of funding
• Principal investigator’s salary + €15,000 per year (lump sum) or up to a maximum of €25,000 per year

NO DEADLINE!
Erwin Schrödinger Fellowships - Including a Return Phase

For young and highly qualified scientists (Postdocs) of any discipline!

Goals: Promotion of scientific work; gaining experience abroad at leading foreign research institutions during the postdoc-phase. Researchers are supposed to bring their obtained knowledge back to Austria!

Requirements: Completed doctoral studies, international scientific publications, invitation from the foreign research institution. If a return phase is requested: confirmation of the Austrian research institution

Duration: 10 to 24 months without return phase respectively 16 to 36 months including return phase (return phase = 6 to 12 months)

Funding level: Fellowship abroad: depends on the destination, average 38.000 € per year (depending on costs for life!), tax free. For the return phase: contract of employment with Senior-Postdoc salary + 12.000 € p.a.

Applications: accepted continuously, no application deadlines;
Processing time: 4 months on average

NO DEADLINE!
107 Mio. € from the EU RRF - Recovery and Resilience Facility – have been streamlined into the field of quantum research. So the FWF and FFG can spend this extra money on projects in this field that will have terminated until spring 2026.
Simons Foundation’s Targeted Grants in Mathematics and Physical Sciences (MPS)

The Targeted Grant in MPS program of the US-based Simons Foundation is intended to support high-risk theoretical mathematics, physics and computer science projects of exceptional promise and scientific importance on a case-by-case basis.

The program provides funding for up to five years. The funding level and duration is flexible and should be appropriate based on the type of support requested in the proposal. PIs and co-Investigators must have a Ph.D. and a tenure-track or tenured position at the time of application.

Applications are accepted on a rolling basis.

Link: MPS-Grants
Call: Small-Scale Experiments for Fundamental Physics

Together with other funders the Simons Foundation invite applications to a one-time call aimed at advancing fundamental physics by funding **small-scale experiments** that explore physics which has typically been explored at large-scale facilities (e.g., CERN, LIGO).

The program is intended to **support high-risk and potentially high-return small-scale experimental projects** aimed at new, ambitious discoveries beyond the current frontier of fundamental physics. “Small-scale” refers to table-top-size experiments or to ones that could fit in a typical university physics research lab. Letters of intent may be submitted by established U.S. and foreign public and private educational institutions and stand-alone research centers.

**Deadline for Letter of Intent (LOI): 31.10.2022**

Link: [Small-Scale Experiments](#)
How did we come to exist? What are the laws and regularities that govern the Universe? Why is mathematics so central to its workings? Are infinities ‘realized’ within its structure? What role do we play as observers in cosmology and quantum mechanics?

The Foundation invites proposals that seek new and imaginative ways to advance the foundations and frontiers of mathematics and the physical sciences to inform responses to Big Questions like these. **High risk projects** that promise substantial rewards are especially encouraged as are projects unlikely to be supported by standard funding agencies.

**Next Deadline August 18, 2023**
Thank you for your attention!