Marie Skłodowska–Curie Actions

Journée de la recherche UniNE

21 November 2017

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NCP Marie Skłodowska–Curie Action
Euresearch Head Office
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Horizon 2020

Excellent Science
- European Research Council (ERC)
- Future and Emerging Technologies (FET)
- Marie Skłodowska-Curie Actions (MSCA)
- Research Infrastructures

Industrial Leadership
- Leadership in Enabling and Industrial Technologies:
  - NMBP: Nanotechnology, Advanced Materials, Biotechnology, Manufacturing & Processing
  - ICT
  - Space
- Access to risk Finance
- Innovation in SME

Societal Challenges (SC)
- Health (SC1)
- Food (SC2)
- Energy (SC3)
- Transport (SC4)
- Climate/Environment (SC5)
- Inclusive Societies (SC6)
- Security (SC7)
“After all, science is essentially international, and it is only through lack of the historical sense that national qualities have been attributed to it.”
MSCA Objective

- Provide funding for excellent researchers
- Encourage mobility across borders and sectors
- Foster collaboration among individuals and institutions

"Ensure the optimum development and dynamic use of Europe’s intellectual capital in order to generate new skills, knowledge and innovation"
Features of the MSCA

- Open to all career stages and nationalities
- Bottom-up approach
- Attractive career and knowledge-exchange opportunities through mobility
- Excellent and innovative research training
- International, intersectoral & interdisciplinary
- Development of knowledge and enhancement of skills
The Marie Skłodowska–Curie Actions

4 main types of actions
Marie Skłodowska–Curie Actions

Network driven actions

ITN – Innovative Training Networks
RISE – Research and Innovation Staff Exchange
Marie Skłodowska–Curie Actions

Fellowship programme (institutionally driven)

COFUND – Co-funding of regional, national and international doctoral or fellowship programmes

[Image of MSCA COFUND logo]
Marie Skłodowska–Curie Actions

Individual Fellowships

EF–European Fellowship
GF–Global Fellowship
Innovative Training Networks – ITN
Innovative Training Networks (ITN)

- Research project & training programme for early stage researcher
- Network of organisations from the academic and non–academic sector
- Max. duration: 4 years
- 3 implementation modes: ETN, EID, EJD
Innovative Training Networks (ITN)

«Training a new generation of creative, entrepreneurial and innovative early-stage researcher»

- Triple "i" dimension: international, interdisciplinary and intersectoral
- Enhance researchers' employability and provide them with new career perspectives
Innovative Training Networks (ITN)

- Networks of organisations involved in research and research training can apply
- ITNs are neither a research project NOR a training programme – it is combination of both – advancing an area of research whilst at the same time training early stage researchers (ESR)
- Maximum 540 researcher-months per consortium (180 for EID with 2 partners)
**ITN: 3 Implementation modes**

**European Training Network (ETN)**
- Min. 3 beneficiaries from 3 different countries (MS/AC)
- Up to 540 PM
- Budget 2016: € 317mio

**European Industrial Doctorates (EID)**
- Min. 1 academic and 1 non-academic beneficiary from 2 different countries (MS/AC)
- Up to 180 PM if 2 beneficiaries, increase to 540PM if 3 beneficiaries
- Budget 2016: € 25mio

**European Joint Doctorates (EJD)**
- Min. 3 academic beneficiaries from 3 different countries (MS/AC)
- Up to 540PM
- Budget 2016: € 28mio
ITN: 3 Implementation modes

European Training Network (ETN)

European Industrial Doctorates (EID)

European Joint Doctorates (EJD)
ITN 2017 statistics

Main List submitted:
- EID: 191
- EJD: 86
- ETN: 9

Total: 1437

Success Rate:
- EID: 10.5%
- EJD: 10.5%
- ETN: 6.8%
- Total: 7.4%
ITN 2017 statistics

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## Cut off thresholds

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</table>
Swiss Participation ITN 2017

Coordination

- Main List
- Reserve List
- Below available Budget
- Below Threshold

Participating Organisations

- 15%
- 7%
ITN at UniNe

Abstract

The Marie Skłodowska-Curie European Training Network DIAPHORA serves as a European research and training platform for collaborative research on the nature of philosophical problems, their resilience and the sources of persistent divergence of expert opinion about them, and their relation to conflicts in the practical sphere.

http://www.ub.edu/diaphora/

Find a funded project on: http://cordis.europa.eu
Consortium
Research and Staff Exchange – RISE
Research and Staff Exchange (RISE)

- Knowledge sharing across borders and sectors
- Projects built on joint R&I activities
- Implemented through secondments of staff
- No recruitment foreseen
- Staff members seconded for 1–12 months
- Max. duration: 4 years
Research and Staff Exchange (RISE)

- Implemented by secondment of staff around the consortium (1 month to 12 months duration)
- Staff: research students, postdocs, PIs, technical, research admin & managerial staff
- Secondments complemented by networking/training events
RISE at UniNe

MAKERS is a project funded under the EU Research and Innovation programme Horizon 2020. This is a Research and Innovation Staff Exchange project under the Marie Skłodowska-Curie Actions.

http://www.makers-rise.org/
MAKERS will bring together leaders from business, academia and policy to study issues related to the drivers and dynamics of sustaining the competitiveness of EU manufacturing sectors. The project's innovative research, training and mobility activities will address key concerns related to (...). The MAKERS will create a multi-stakeholder platform to discuss the current understanding of issues related to the emergence of Industry 4.0 in Europe.

MAKERS' programme of activities comprises:
1) annual summer schools that will cover the breadth of the issues above and address methodological requirements;
2) themed workshops with Business/Academia/Policy stakeholders;
3) dissemination activities at events outside the network, such as presentations at international conferences, policy fora and multi-media engagement.
Consortium

Beneficiaries & Partner Organisations
RISE statistics

All participants RISE-2017

25.7%

Swiss participants RISE-2017

16.7%
Co–funding of programmes
COFUND
Co–funding of programmes (COFUND)

- Co–funding of new or existing regional, national, and international programmes
- Early stage researchers in doctoral programme
- Experienced researchers in fellowship programme
- EU contribution to co–fund living allowances for researchers and management costs. Minimum living allowance fixed in the Work Programme
COFUND

- **Mono-beneficiary**: organisations that fund or manage doctoral programmes or fellowship programmes for researchers
- Maximum € 10 Million per single applicant per call
- Duration of projects: 3 – 5 years
- Fellowships: minimum 3 months
- Recruited researchers must respect the same mobility rule as IF or ITN.
COFUND Results 2014 – 2106

Doctoral Panel Proposals
- Evaluated
- Successful

Fellowship Panel Proposals
- Evaluated
- Successful

<table>
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<tr>
<th>Year</th>
<th>Evaluated</th>
<th>Successful</th>
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<td>2014</td>
<td>47</td>
<td>12</td>
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<tr>
<td>2015</td>
<td>61</td>
<td>15</td>
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<tr>
<td>2016</td>
<td>68</td>
<td>17</td>
</tr>
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</table>

Sucess Rate: 25.6%
- DP: 25.6%
- FP: 25.5%

Sucess Rate: 24.8%
- DP: 25%
- FP: 24.6%

Sucess Rate: 29.7%
- DP: 37.2%
- FP: 25%
Swiss Participation 2014 – 2016

2014
Success Rate: 66%

2015
Success Rate: 25%

2016
Success Rate: 20%

All proposals
Main List
Reserve List
EPFLinnovators is a four-year doctoral programme based in the dynamic environment of the EPFL campus, Switzerland. To develop the innovation potential of PhD students, the EPFLinnovators programme integrates a six-month to two-year secondment in the non-academic sector into the doctoral programme. Furthermore, the programme provides the PhD students with the training, experience and advice they need to become tomorrow’s entrepreneurs.

Conditions of participation
- Citizens of any nationality can apply
- Applicants must hold a Master’s degree and be eligible for EPFL’s doctoral school
- Applicants must fulfil the transnational mobility rules of the MSC Actions

More information is available on http://phd.epfl.ch/EPFLinnovators"
Individual Fellowship – IF
Individual Fellowships (IF)

- Trans-national fellowships
- Focus on career development of postdoctoral researcher
- Duration 1–3 years
- Two types:
  - European Fellowship & Global Fellowship
Individual Fellowships

Experienced Researcher & Eligible organisations

PhD or at least 4 years of research experience at relevant deadline for submission of proposal

Institutions active in research and research training

- Universities
- Public and private research institutes
- IEIOs & International Organisations
- Industry (including SMEs)
Individual Fellowships

European Fellowship (EF)
- Standard EF
- Career Restart Panel
- Reintegration Panel
- Society & Enterprise Panel

Global Fellowship (GF)
European Fellowship (EF) & Global Fellowship (GF)

1st phase: outgoing (12–24 months)
2nd phase: coming back (12 months)

If not European, researcher must have been active in Europe for at least 5 consecutive years

- Standard
- Career Restart
- Reintegration
- Society & Enterprise
Mobility Rule

The researcher shall not have resided or carried out their main activity in the country of their future host organisation for more than 12 month in the 3 years prior to the relevant deadline for submission of proposals.

Modified Mobility Rule (36 months in the 5 years prior to the deadline) for Career Restart Panel, Reintegration Panel, Society & Enterprise Panel

Global Fellowship: Mobility Rule applies only to outgoing phase
European Fellowships

- For **Experienced Researchers** coming to/moving within Europe
- **Any nationality** (exception Reintegration Panel)
- 12–24 months
- 8 Scientific Panels for the Standard EF
- Multidisciplinary Panel for Career Restart, Reintegration, Society & Enterprise Panel
European Fellowships

Standard EF

8 Scientific Areas
- Application to one of the 8 scientific areas
- Separate ranking list for each scientific area

- Chemistry (CHE)
- Social Sciences and Humanities (SOC)
- Economic Sciences (ECO)
- Information Science and Engineering (ENG)
- Environment and Geosciences (ENV)
- Life Sciences (LIF)
- Mathematics (MAT)
- Physics (PHY)
European Fellowships

How does it work?

- Experienced Researcher (ER) applies jointly with a host organisation for funding of a research project
- Host organisation located in an European Member State (MS) or Associated Country (AC)
- Host organisation recruits the experienced researcher and appoints the supervisor
European Fellowships

Career restart Panel (CAR)

- Dedicated to researchers who wish to resume research in Europe after a career break (parental leave, working outside research etc.)
- Career break: not active in research for at least 12 months prior to deadline
- For ER of any nationality
- Transnational mobility
European Fellowships

Reintegration Panel (RI)

- Dedicated to researchers who wish to return and reintegrate in a longer term research position in Europe
- For ER, national or long term resident of a MS/AC
- Transnational mobility – must or have moved directly from a third country to the MS/AC where the beneficiary is located
European Fellowships

Society & Enterprise Panel (SE)

- Dedicated to career opportunities for researchers seeking to work on research and innovation projects in an organisation from the non-academic sector
- For ER of any nationality
- Beneficiary must be non-academic and located in EU MS/AC
- Transnational mobility
- New Panel since 2016
Global Fellowship

- For ER going to Third Countries (TC) and returning
- For nationals of EU–MS/AC or ‘long–term residents’
- Two phases: outgoing phase to TC (12–24 months) and incoming phase to EU–MS/AC (12 months)
- Mobility rule to outgoing phase
- 8 Scientific Areas for Evaluation
- Beneficiary in EU–MS/AC
Global Fellowship

Host and Partner

ER applies jointly with one **host organisation located in an EU MS/AC** for a research project that has an initial outgoing phase in a **partner organisation in a TC**

**Host organisation** in EU MS/AC signs the **Grant Agreement** and **recruits** the ER and **appoints the supervisor**.

**Partner organisation** nominates a supervisor for the ER and provides **Letter of Commitment**.

Partner organisation does not sign Grant Agreement, does not recruit the researcher and **does not claim cost**.

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01.01.2017
IF 2016 Statistics

Total Success Rate: 13.5%
Swiss Success Rate: 15.7%

8829 evaluated proposals
1188 funded proposals
925 EF–ST
7061
242 EF–CAR
117 GF
500 EF–RI
67
48 EF–SE

IF–2017: 9089 proposals submitted
Success Rate per Panel

- Evaluated Proposals
- Funded Proposals
## Cut off thresholds IF 2016

<table>
<thead>
<tr>
<th>Panel</th>
<th>EF</th>
<th>GF</th>
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<tr>
<td>CHE</td>
<td>91.8%</td>
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<td>EF–RI</td>
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<td>EF–SE</td>
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## MSCA Calls 2018

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<th>Closes</th>
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<tr>
<td>ITN</td>
<td>12 October 2017</td>
<td>17 January 2018</td>
<td>€ 442 mio</td>
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<td>RISE</td>
<td>22 November 2018</td>
<td>21 March 2018</td>
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<td>IF</td>
<td>12 April 2018</td>
<td>12 September 2018</td>
<td>€ 273 mio</td>
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<tr>
<td>COFUND</td>
<td>12 April 2018</td>
<td>27 September 2018</td>
<td>€ 80 mio</td>
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Further Information and Help
MSCA WORK PROGRAMME

2018 - 2020

European Researchers’ Night Work Programme 2018 150th anniversary Neutron stars Nobel prizes Science is Wonderful

Marie Skłodowska-Curie actions - Research Fellowship Programme

The Marie Skłodowska-Curie actions, named after the double Nobel Prize winning Polish physicist, have been set up with the aim of boosting Europe's research and innovation capacity. They support research队伍建设, foster innovation and contribute to excellence in science in European countries.

http://ec.europa.eu/research/mariecurieactions
National Contact Points:
http://ec.europa.eu/research/participants/portal/desktop/en/support/national_contact_points.html
FAQ Blog

http://mariecurieactions.blogspot.ch/
Euraxess

Welcome to EURAXESS in Switzerland

Welcome to the portal of EURAXESS SWITZERLAND. We provide information and assistance to researchers – by means of this portal and with the support of our national EURAXESS Centres.

This portal contains practical information concerning professional and daily life, as well as information on job and funding opportunities. The EURAXESS Centres help researchers and their family to plan and organise their move to a foreign country, providing assistance in all matters related to mobility. All services of the EURAXESS Network are free of charge.

https://www.euraxess.ch/
Explore the heart of Europe

Every country is unique in its own way. What makes Switzerland unique is its wide cultural diversity that is given by the geographical location of the country. It is surrounded by five countries: Italy, France, Germany, Austria and the Principality of Liechtenstein and it has a population of over 6 million inhabitants. Over 20% of the population have a foreign passport.

EXPLORE SWITZERLAND
Euresearch Services
EURESEARCH – SWISS GUIDE TO EUROPEAN RESEARCH AND INNOVATION

WE INFORM
• Overview of the European research and innovation programmes
• Upcoming calls and opportunities
• Participation and funding rules

WE ADVISE
• Programme selection
• Proposal support
• Contract preparation
• Project management support

WE CONNECT
• Partners for research consortia
• Partners to utilise innovative technologies
• Partners to solve technology and know-how problems

VIA
Personalised e-Alerts, success stories, factsheets, information events

VIA
Training workshops, visits, personal contacts

VIA
Technology offer and request database, partnering platforms, personalised technology e-Alerts, face-to-face events
The Euresearch Network

[Map showing connections between locations such as Basel, Zurich, St. Gallen, Neuchatel, Bern, Lucerne, Fribourg, Lausanne, Geneva, Lugano]
Marie Skłodowska–Curie Actions (MSCA)

Career funding for mobile researchers

This programme aims to support researchers at different stages of their career. MSCA are open to all domains of research and innovation, from basic research to market take-up and innovation services.

There are 5 actions:
- Individual Fellowships (IF)
- Innovation Training Networks (ITN)
- Research and Innovation Staff Exchange Scheme (RISE)
- Co-funding of existing or new PhD and postdoc fellowship programmes (COFUND)
- Residential Period (RIPE)

Mobility is a key requirement for the different actions. There are calls for proposals open to individual researchers and innovation staff, as well as to universities, research institutions, businesses (SMEs and large industry) and other socio-economic players from all countries. MSCA are open to men and women alike, without regard to the physical age of the applicant. As mobility is a key element in all MSCA, researchers only receive funding if they move from one country to another. The assigned budget and success rates vary from call to call.

The exact rules and eligibility criteria for each call are outlined in the respective documents to be found on the Research Participant Portal of the European Commission. For a brief introduction on the different actions refer to our Infosheets under ‘MSCA Documents’ on the right.

Key Information

Switzerland is fully associated to Horizon 2020

Horizon 2020 Funding: Participant Portal

Your Contact at Euresearch

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www.
Stay tuned:
Thank you for your attention