I bandi MSCA 2021 (Doctoral Networks, Postdoctoral Fellowships, Staff Exchanges, COFUND)

ANGELO D’AGOSTINO

3 MAGGIO 2021

SAPIENZA UNIVERSITÀ DI ROMA

The information in this presentation is still subject to change
Agenda

10.30 **Saluti istituzionali**
- **Bruno Botta**, Prorettore per le Relazioni Internazionali
- **Fabio Sciarrino**, Prorettore Strategie competitive per la ricerca internazionale
- **Maria Ester Scarano**, Direttore Area per l'Internazionalizzazione

10.45 I bandi MSCA 2021 (Doctoral Networks, Post-doctoral Fellowships, Staff Exchanges, COFUND)
- **Angelo D'Agostino**, APRE

11.45 I servizi offerti da ARI - Sapienza
- **Giuditta Carabella**, Area per l'Internazionalizzazione

12.00 Q&A
Il voto degli eurodeputati arriva al termine di tre anni di negoziato e conferma l’intesa politico-istituzionale raggiunta

Il Parlamento europeo ha approvato il 27 aprile il testo legislativo principale del nuovo programma Horizon Europe che definisce, tra gli altri aspetti, la struttura e gli obiettivi, il bilancio e l’articolazione interna, le forme le regole di erogazione dei finanziamenti. Il voto degli eurodeputati arriva al termine di tre anni complessivi di negoziato (la proposta iniziale della Commissione risale a giugno 2018) e conferma l’intesa politico-istituzionale raggiunta a dicembre scorso, già approvata dal Consiglio a marzo scorso.

Il Parlamento ha anche votato il parere sulla decisione/programma specifico, l’altra parte di legislazione di Horizon Europe che stabilisce i contenuti delle attività di ricerca e innovazione nell’ambito delle diverse tematiche. Il passaggio finale è atteso nelle prossime settimane con il voto di approvazione del Consiglio.

Nella stessa seduta plenaria, gli eurodeputati hanno approvato la revisione del regolamento dell’Istituto europeo di Innovazione e Tecnologia (EIT), che definisce la missione, i compiti principali e il quadro generale di funzionamento dell'EIT, e l'Agenda Strategica d'Innovazione dell'EIT che delinea la strategia e le priorità dell'istituto per il periodo di programmazione 2021-27.
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The Union’s reference programme for doctoral education and postdoctoral training

- 1996
- 2014
- 2020

- 1,000 excellent international doctoral network
- 65,000 researchers in Europe and beyond

The information in this presentation is still subject to change.
Excellence

- individual fellows
- collaborations fostered
- knowledge transferred
- R&I methodologies applied
- the research conducted
- training, supervision and career guidance provided
Physical mobility: researchers who receive funding have to move from one country to another to acquire new knowledge, skills and competences, and develop their research career.
The information in this presentation is still subject to change
Open to the world

- strong international dimension
- to set-up strategic collaborations worldwide
- attracts foreign talents to Europe
The information in this presentation is still subject to change.

Structuring effect

- Quality of researchers’ training
- Fairer and more attractive working conditions
- Research capacity
- International and inter-sectoral partnerships and networks
Open Science & RRI

The MSCA endorse Open Science and Responsible Research and Innovation (RRI)
Green Deal and other EU priorities

European Green Deal

United Nation’s 2030 Agenda and the Sustainable Development Goals

The information in this presentation is still subject to change
Synergies

European Union
European Regional Development Fund

European Union
European Social Fund
Investing in jobs and skills

The information in this presentation is still subject to change
MSCA intervention areas

1. Nurturing Excellence through Mobility of Researchers across Borders, Sectors and Disciplines

2. Fostering new Skills through Excellent Training of Researchers

3. Strengthening Human Capital and Skills Development across the European Research Area

4. Improving and Facilitating Synergies

5. Promoting Public Outreach

The information in this presentation is still subject to change
Actions

1. MSCA Doctoral Networks
2. MSCA Postdoctoral Fellowships
3. MSCA Staff Exchanges
4. MSCA COFUND
5. MSCA and Citizens

The information in this presentation is still subject to change.
MSCA Postdoctoral Fellowships
Main Objective

to enhance the creative and innovative potential of researchers holding a PhD, wishing to acquire new skills through advanced training, international, interdisciplinary and inter-sectoral mobility.
Key messages

- an original and personalised research project
- to foster excellence through training and mobility
- to equip researchers with new skills and competences in order to identify solutions to current and future challenges
Recruited researchers

- postdoctoral researchers

- mobility rule

Supported researchers can be of any nationality

- Global Postdoctoral Fellowship: nationals or long-term residents of EU Member States or Horizon Europe Associated Countries

- supported researchers must have a maximum of 8 years time equivalent experience in research

  - Years outside research and career breaks will not be counted

The information in this presentation is still subject to change
Maternity & Paternity

Maternity: for each child born prior to the call deadline, 18 months will be deducted from the experience in research unless the applicant can document a longer parental leave prior to the call deadline. Paternity: for each child born prior to the call deadline, the documented time of parental leave taken until the call deadline will be deducted from the experience in research.
Recruited researchers must not have resided or carried out their main activity (work, studies, etc.) in the country of the beneficiary (for European Postdoctoral Fellowships), or the host organisation for the outgoing phase (for Global Postdoctoral Fellowships) for more than 12 months in the 36 months immediately before the call deadline.
European Postdoctoral Fellowships

any nationality

from any country

12/24 months

The information in this presentation is still subject to change
UK?

UK already eligible

As the first funding calls under Horizon Europe are launched, the new Q&A-style document confirms that UK applicants are already eligible to apply. The United Kingdom will therefore have the same rights and obligations, including financial, as other Horizon Europe associated countries.

This means that UK researchers and entities including universities, research centres, innovative businesses and industry, will have full rights to participate in the first calls for proposals under the Horizon Europe Framework Programme as soon as they are published on the European Commission’s Funding & Tender opportunities website.

This development includes future funding calls financed by the Marie Curie-Skłodowska Actions.

The FAQs document explains the main features of the UK’s association with Horizon Europe.

Further reading

• For more information, select the link Q&A on the UK’s participation in Horizon Europe.

Social media

• Follow MSCA on Twitter
• Like MSCA on Facebook

Global Postdoctoral Fellowships

European nationals or long-term residents

12/24 months + 12 months
Secondments

European Postdoctoral Fellowships

Global Postdoctoral Fellowships

fellowship duration

of the outgoing phase

Beneficiary (or any other organisation mentioned in the description of the action)

The information in this presentation is still subject to change
Placements in the non-academic sector

The information in this presentation is still subject to change
Training activities

The training activities implemented under the Postdoctoral Fellowships must include training for key transferable skills, foster innovation and entrepreneurship, (e.g. commercialisation of results, Intellectual Property Rights, communication, public engagement and citizen science) and promote Open Science practices (open access to publications and to research data, FAIR data management, etc.).
Euratom

Aiming to enhance nuclear expertise and excellence as well as synergies between Programmes, organisations active in nuclear research established in one of Euratom Member States or Associated Countries are eligible to participate in MSCA Postdoctoral Fellowships. Such Fellowships will be supported by an indicative annual financial contribution from the Euratom Programme of EUR 1 million.

The information in this presentation is still subject to change
Seal of Excellence

The information in this presentation is still subject to change
Resubmission

Proposals involving the same recruiting organisation (and for Global Postdoctoral Fellowships also the associated partner) and individual researcher should not be resubmitted the following year.

< 70% should not be resubmitted the following year
### Award criteria

<table>
<thead>
<tr>
<th>Excellence</th>
<th>Impact</th>
<th>Quality and efficiency of the implementation</th>
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<tr>
<td>50%</td>
<td>30%</td>
<td>20%</td>
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</table>

**Weighting**

\[ \pm 70\% \]

considered for funding
Evaluation panels

In Postdoctoral Fellowships, proposals will be evaluated by one of eight 'main evaluation panels':

- 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).

Each panel will establish two ranked lists, one for European and one for Global Postdoctoral fellowships.

*The information in this presentation is still subject to change*
<table>
<thead>
<tr>
<th>MSCA Postdoctoral Fellowships</th>
<th>Contributions for the recruited researcher per person-month</th>
<th>Institutional unit contributions per person-month</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<tr>
<td>Living allowance</td>
<td>Mobility allowance</td>
<td>Family allowance (if applicable)</td>
</tr>
<tr>
<td>EUR 5 080</td>
<td>EUR 600</td>
<td>EUR 660</td>
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## Opening & Deadline(s)

<table>
<thead>
<tr>
<th></th>
<th>Opening</th>
<th>Deadline</th>
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<tbody>
<tr>
<td>HORIZON-MSCA-PF-2021 MSCA Postdoctoral Fellowships 2021</td>
<td>May 2021</td>
<td>Sept 2021</td>
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<tr>
<td>HORIZON-MSCA-PF-2022 MSCA Postdoctoral Fellowships 2022</td>
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MSCA Doctoral Networks

The information in this presentation is still subject to change
Main Objective

to train creative, entrepreneurial, innovative and resilient doctoral candidates, able to face current and future challenges and to convert knowledge and ideas into products and services for economic and social benefit.

- right combination of research-related and transferable competences
Participating organisations

≠ 3

EU Member State
or
Horizon Europe Associated Country

at least 1 of them established in an EU Member State
Budget

40% of the EU contribution may be allocated to beneficiaries in the same country or to a single International European Research Organisation (IERO) or international organisation.

The information in this presentation is still subject to change.
Industrial & Joint Doctorates

MSCA Doctoral Networks are encouraged to lead to Industrial or Joint Doctorates.
Joint Doctorates

A pre-agreement to award a joint, double or multiple degree to the doctoral candidate(s).

EU Member State
or
Horizon Europe Associated Country

2

The information in this presentation is still subject to change.
Industrial Doctorates

The information in this presentation is still subject to change

at least 50% associated partner

can be in the same country as the academic host organisation
Recruited researchers

- doctoral candidates, i.e. not have been awarded a doctoral degree at the date of the recruitment
- can be of any nationality and
- must comply with the mobility rule
- must be enrolled in a doctoral programme leading to the award of a doctoral degree in at least one EU Member State or Horizon Europe Associated Country, and for Joint Doctorates in at least two.

The information in this presentation is still subject to change.
Duration of the action

Action:
- 48 months

Fellowship:
- 3 months
- 36 months

The information in this presentation is still subject to change.
Training activities

- MSCA Doctoral Networks should exploit complementarities between participating organisations and foster sharing of knowledge and networking activities for example through the organisation of workshops and conferences.

- Proposed training activities should respond to well identified needs in various R&I areas, with appropriate references to inter- and multidisciplinary fields and follow the EU Principles for Innovative Doctoral Training.

- They should be primarily focused on developing new scientific knowledge through original research on personalised projects.

The information in this presentation is still subject to change
Training activities

- Doctoral Networks will develop substantial training modules, including digital ones, addressing key transferable skills and competences common to all fields and fostering the culture of Open Science, innovation and entrepreneurship.

- Doctoral Networks should adequately prepare doctoral candidates for increased research collaboration and information-sharing made possible by new (digital) technologies (e.g. collaborative tools, opening access to publications and to research data, FAIR data management, public engagement and citizen science, etc.).
Intersectoral secondments

Intersectoral secondments of researchers to other participating organisations, including in third countries, are encouraged when relevant, feasible and beneficial for the researchers and in line with the project objectives.

This will increase the employability of the researchers outside academia.
Secondments

Secondments are eligible for up to one third of the actual months spent implementing the research training activities under the action.
EU contribution

360 person-months

For industrial or joint doctoral programmes

540 person-months

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Award criteria

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Weighting

\[ \pm 70\% \]

considered for funding

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Resubmission

A score of less than 80% should not be resubmitted the following year.
<table>
<thead>
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<th>MSCA Doctoral Networks</th>
<th>Contributions for recruited researchers per person-month</th>
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<tr>
<td>Living allowance</td>
<td>Mobility allowance</td>
<td>Research, training and networking contribution</td>
</tr>
<tr>
<td>EUR 3 400</td>
<td>EUR 600</td>
<td>Management and indirect contribution</td>
</tr>
<tr>
<td>Family allowance (if applicable)</td>
<td>EUR 660</td>
<td>Special needs allowance (if applicable)</td>
</tr>
<tr>
<td>Long-term leave allowance (if applicable)</td>
<td>EUR 4 000 x covered by the beneficiary</td>
<td>EUR 1 600</td>
</tr>
<tr>
<td>Special needs allowance (if applicable)</td>
<td>requested unit(^{48}) x (1/number of months)</td>
<td>EUR 1 200</td>
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## Opening & Deadline(s)

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<td>May 2021</td>
<td>Nov 2021</td>
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<tr>
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</table>
Evaluation panels

Proposals must be submitted to only one of eight 'main evaluation panels':

- 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).

Industrial and joint doctorates will be ranked in the scientific panel of submission.

Each panel will establish a ranked list.
MSCA Staff Exchanges

The information in this presentation is still subject to change
Main Objective

To 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.
Key aspects

- International, inter-sectoral and interdisciplinary mobility of R&I staff ("secondments")
- Knowledge transfer between participating organisations
- Collaboration between the academic and non-academic sectors (including SMEs)
- Cooperation across the globe
Participating organisations

3

EU Member State
or
Horizon Europe Associated Country

2
Participating organisations

3 same sector

1
Three dimensions of mobility

- inter-sectoral, international and interdisciplinary

EU Member States and Horizon Europe Associated Countries

same-sector exchanges are also possible under the condition that they are interdisciplinary
Collaborative approach

- The collaborative approach of MSCA Staff Exchanges should exploit complementary competences of the participating organisations and create synergies between them.
- The secondments should be essential to achieve the joint project’s R&I activities.
Secondment not eligible

- non-associated Third Countries
- non-associated Third Countries

- the same EU Member State or Horizon Europe Associated Country
- the same EU Member State or Horizon Europe Associated Country
Seconded Staff Members

The information in this presentation is still subject to change
Duration of the action

360 person-months

Secondments

1 MONTH

12 months

48 MONTHS

Action

The information in this presentation is still subject to change
## Award criteria

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considered for funding
Main evaluation panels

Proposals will be evaluated by one of eight 'main evaluation panels':
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- Mathematics (MAT),
- Physics (PHY).
Each panel establishes a ranked list.
<table>
<thead>
<tr>
<th>MSCA Staff Exchanges</th>
<th>Contributions for seconded staff members per person-month</th>
<th>Institutional contributions per person-month</th>
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<tbody>
<tr>
<td></td>
<td>Top-up allowance</td>
<td>Special needs allowance (if applicable)</td>
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<tr>
<td></td>
<td></td>
<td>Research, training and networking contribution</td>
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<td></td>
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<td>Management and indirect contribution</td>
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| EUR 2 300            | requested unit\(^{61}\) x (1/number of months)           | EUR 1 300                                  | EUR 1 000

\(^{61}\)
## Opening & Deadline(s)

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<tr>
<th>Program</th>
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<tr>
<td>HORIZON-MSCA-SE-2021 MSCA Staff Exchanges 2021</td>
<td>Oct 21</td>
<td>Mar 22</td>
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<tr>
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<td>Mar 23</td>
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MSCA COFUND

The information in this presentation is still subject to change
Main Objective

“MSCA COFUND co-finances new or existing doctoral programmes and postdoctoral fellowship schemes at national, regional or international level with the aim to spread the best practices of the MSCA including international, inter-sectoral and interdisciplinary research training, as well as transnational and cross-sectoral mobility of researchers at all stages of their career.”
Participating organisations

1

EU Member State
or
Horizon Europe Associated Country

The information in this presentation is still subject to change
Recruited researchers

For COFUND Doctoral Programmes, researchers must be doctoral candidates, i.e. they must be enrolled in a doctoral programme and have not been awarded a doctoral degree at the deadline of the co-funded programme's call.

For COFUND Postdoctoral Programmes, researchers must be in possession of a doctoral degree at the deadline of the co-funded programme's call.

mobility rule
Duration of the action

Action: 60 months

Fellowship: minimum 3 months

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Seal of Excellence
### Award criteria

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- **Weighting**

\[
\pm \left( \begin{array}{c}
\text{EXCELLENT} \\
\text{GOOD} \\
\text{POOR}
\end{array} \right) \geq 70\%
\]

considered for funding
## Opening & Deadline(s)

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<th>Programme</th>
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<tr>
<td>MSCA-COFUND-2021</td>
<td>Oct 2021</td>
<td>Feb 2022</td>
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<td>MSCA-COFUND-2022</td>
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The information in this presentation is still subject to change
MSCA Team contacts  

Angelo D’Agostino  
dagostino@apre.it

Marco Ferraro  
ferraro@apre.it

Serena Cheren  
cheren@apre.it

msca@apre.it

APRE
Agenzia per la Promozione della Ricerca Europea
Via Cavour, 71
00184 - Rome
www.apre.it
Tel. (+39) 06-48939993
Fax. (+39) 06-48902550
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Email: segreteria@apre.it
Tel. +39 06 48 93 9993
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