

Marie Skłodowska-Curie Actions in Horizon Europe: Support for Researchers' Mobility, Training and Career Development

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The training is aimed at the researchers of the Institute of Mathematics of the Czech Academy of Sciences. The cost of the training is covered from the OPVVV project CZ.02.2.69/0.0/0.0/18_054/0014664 Institute of Mathematics CAS goes for HR Award – implementation of the professional HR management.

Marie Skłodowska-Curie Actions in Horizon Europe: Support for Researchers' Mobility, Training and Career Development

Agenda

9:00–9:10	Introduction – Icebreaker
9:10–9:40	1. Marie Skłodowska-Curie Actions in Horizon Europe – grant opportunities, support to MSCA applicants
9:40–10:30	2. Postdoctoral Fellowships – rules for participation, evaluation criteria, how to prepare a competitive proposal?
10:30–11:00	+ interactive part (abstract, dissemination vs communication, Gantt chart)
11:00–11:30	3. Financial and management aspects
11:30–12:00	Lunch break
12:00–13:00	Jana Hantáková (MSCA fellow, Silesian University in Opava) Ondřej Hort (MSCA fellow, Institute of Physics CAS)

Questions??

Netiquette

During my presentations, you can interrupt me to ask questions at any time. If you prefer, you can also raise your questions via chat box.

When MSCA fellows will be presenting, please keep your questions for the discussion afterwards or send your questions via chat box.

Please turn on your camera, it will be more personalized.

1. Marie Skłodowska-Curie Actions in Horizon EUROPE: Grant opportunities, support to MSCA applicants

Horizon Europe (HEU)



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

MSCA terminology I

EU Member States (MS)

Associated Countries* (AC) = third country which is party to an international agreement with the EU

Albania, Armenia, Bosnia and Herzegovina, Faroe Islands, Georgia, Iceland, Israel, North Macedonia, Moldova, Montenegro, Norway, Serbia, Switzerland, Tunisia, Turkey, Ukraine

Third Countries (TC) = not associated to Horizon Europe, the rest of the world

2 categories of researchers according to scientific age

- **Postdoctoral Researchers** = at the date of the call deadline in a possession of a doctoral degree, defined as a successfully defended doctoral thesis, even if the doctoral degree has yet to be awarded
- **Doctoral Researchers** = not have been awarded a doctoral degree at the date of the recruitment

*to be confirmed in the Horizon Europe Work Programme

MSCA terminology II

Academic sector = public or private higher education establishments awarding academic degrees, public or private non-profit research organisations for whom one of the main objectives is to pursue research or technological development, and International European Research Organisations (IERO)

Non-academic sector = any socio-economic actor not included in the academic sector and fulfilling the requirements of the Horizon Europe Rules for Participation (from industry to business, government, civil society organisations, cultural institutions, hospitals, etc.)

Person-month = 1 person working for 1 month full-time equivalent (FTE)

Overview of MSC Actions in HEU

<u>Horizon 2020</u>	<u>Horizon Europe</u>	<u>Who?</u>	<u>Objectives of Actions</u>
Innovative Training Networks (ITN)	Doctoral Networks (DN)	Doctoral Candidates	to train creative, entrepreneurial, innovative and resilient doctoral candidates
Individual Fellowships (IF)	Postdoctoral Fellowships (PF)	Postdoctoral Researchers	to support excellent researchers holding a PhD to acquire new skills through advanced training, international, interdisciplinary and inter-sectoral mobility
Research and Innovation Staff Exchanges (RISE)	Staff Exchanges (SE)	staff members	to promote innovative international, inter-sectoral and interdisciplinary collaboration in research and innovation through exchanging staff, and sharing knowledge and ideas
Co-funding of regional, national and international programmes (COFUND)	COFUND	Doctoral Candidates, Postdoctoral Researchers	to co-finance new or existing regional, national and international programmes: - doctoral programmes - postdoctoral programmes
European Researchers' Night (NIGHT)	MSCA and Citizens	public in general	through the European Researchers' Night to bring research and researchers closer to the public at large

MSCA Doctoral Networks

Consortium including at least three independent legal entities, each established in a different MS/AC and with at least one of them established in a MS prepares a training programme for PhD students

DN are open to **Doctoral Candidates** = not have been awarded a doctoral degree at the date of the recruitment

Types of programmes: Doctoral Networks, Industrial or Joint Doctorates

PhD students have to be enrolled in a doctoral programme: can participate in DN by carrying out their research projects or they can spend certain part of their studies in non-academic institutions (Industrial Doctorates) or can study at more than one institution at one time and be awarded joint/double or multiple doctoral degrees (Joint Doctorates)

Novelties for applicants (consortia):

- **Reduced number of fellow-months in project** (360 person-months for MSCA Doctoral Networks, 540 person-months for Industrial or Joint Doctoral programmes)
- **Restricted resubmissions below quality threshold** (if less than 80 % under Horizon Europe, must not be resubmitted the following year)

MSCA Staff Exchanges

Consortium of at least three independent legal entities in three different countries, two of which in a MS/AC, prepares a collaborative research and innovation projects of max. 48 months, budget of a max. 360 person-months per project

Open to any type of staff at the participating institution (consortium member): Doctoral Candidates, Postdoctoral Researchers, administrative, managerial and technical staff, they carry out their **secondments of 1-12 months** (possible splits) at other involved institutions

Three dimensions of mobility = inter-sectoral, international and interdisciplinary:

- **inter-sectoral exchanges between MS/AC** (between academia and non-academia, e.g. MATH CAS and a company)
- **same-sector exchanges between MS/AC only if interdisciplinary and max. 1/3 of total person-months** (e.g. collaboration of MATH CAS and a university in two or more scientific disciplines)
- **inter-sectoral exchanges not required with third countries** (e.g. MATH CAS and a U.S. research institute)

European Commission supports financially national, regional, international schemes for doctoral training and postdoctoral fellowships

- **Doctoral Programmes**
- **Postdoctoral Programmes**

Doctoral Candidates/Postdoctoral Researchers of any nationality can submit their application if they fulfill selection criteria

These programmes can be managed by government ministry, regional authority, funding agency, university, research organisation, enterprise etc.

EU contribution is limited to EUR 10 million per beneficiary per call

Novelties for applicants (consortia):

Focus on new beneficiaries and new training programmes: Participants implementing MSCA COFUND projects (under Horizon 2020 or under Horizon Europe) can submit a new proposal only if their running project is in its last 24 months of implementation at the call deadline

Continuation of European Researchers' Night-like activities:

**European Researchers' Night is to be held
on 27 November in 2020
on 24 September in 2021**

Every researcher can join this event!!!

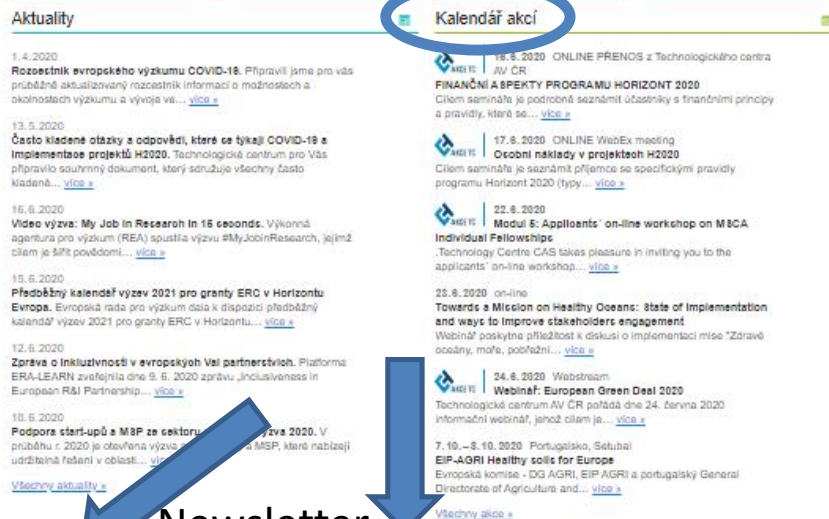
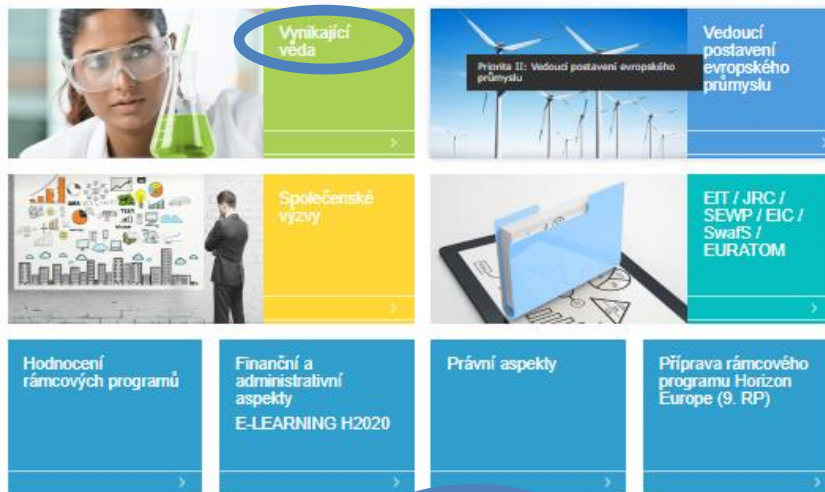
Objectives:

- To bring research and researchers closer to the public at large
- To increase awareness of research and innovation activities
- To boost public recognition of science and research education
- To show the role of the researcher in and for the society and economy and the impact of researchers' work on citizens' daily life
- To raise the interest of young people for research and scientific careers



Get Support

In the Czech Republic:
Technology Centre CAS
National Information Centre for European Research (NICER) provides complex support to Czech entities/researchers during the whole life-cycle of the project including financial and IPR aspects



Newsletter



Vademecum



National H2020 Portal

h2020.cz
www.tc.cz

@TC_AVCR



Support to MSCA applicants

Information activities

- National Information Days
- Information Days on specific MSCA
- Applicants' workshops: intensive training in proposal writing
- Events on demand, specific trainings
- Information leaflets and brochures (Vademecum)
- Individual consulting and proposal pre-screening (non-scientific issues), e-mails, phone calls, personal meetings

→ **Collaboration with key stakeholders:** Marie Curie fellows and evaluators ...



2. MSCA Postdoctoral Fellowships: rules for participation, evaluation criteria, how to prepare a competitive proposal?

Two types of fellowships

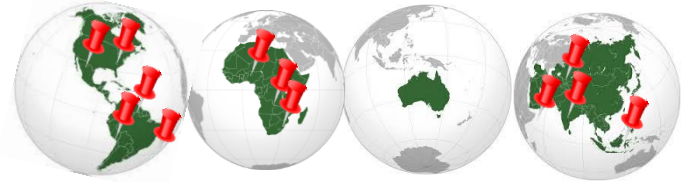
EUROPEAN POSTDOCTORAL FELLOWSHIPS

Member State (MS)
Associated Country (AC)



- For fellows coming to or moving within Europe
- **Duration 12-24 months**

GLOBAL POSTDOCTORAL FELLOWSHIPS



Third Country (TC)

- For fellows from Europe going to third countries (12-24 months) = **outgoing phase** and returning to Europe (12 months), transfer of knowledge through a **return phase** to Europe is mandatory
- **Total duration 24-36 months**

MSCA Postdoctoral Fellowships

- **Bottom-up approach**, newly including areas of research covered by the Euratom Programme 2021-2025
- Focus on the scientifically younger generation than in Horizon 2020
- **Limitation of research experience: a maximum of 6* years full-time equivalent experience in research** (years of experience outside research, career breaks or research in third countries will not be considered in this maximum)
- **PhD degree is newly required**: at the date of the call deadline in a possession of a doctoral degree = successfully defended doctoral thesis
- **Restricted resubmissions below quality threshold**: less than 70 % in the previous Call of MSCA PF under Horizon Europe, the applicant must not resubmit the following year (will be applied firstly in 2022)

*under discussion

Panels and secondments

8 scientific areas (panels) – you need to select only one in your proposal



Secondments (stay spent by a fellow at the premises of a different institution)

European PFs: max. 1/3 of the fellowship duration

Global PFs: max. 1/3 of the outgoing phase

Placements in the non-academic sector

Additional period of up to six months in a non-academic organisation in MS/AC at the end of the project (Letter of Intent)

Eligible researchers

Candidates must by the call deadline:

Be postdoctoral researchers:

- have a doctoral degree, i.e. defended doctoral thesis
- max. 6* years of full-time equivalent research experience

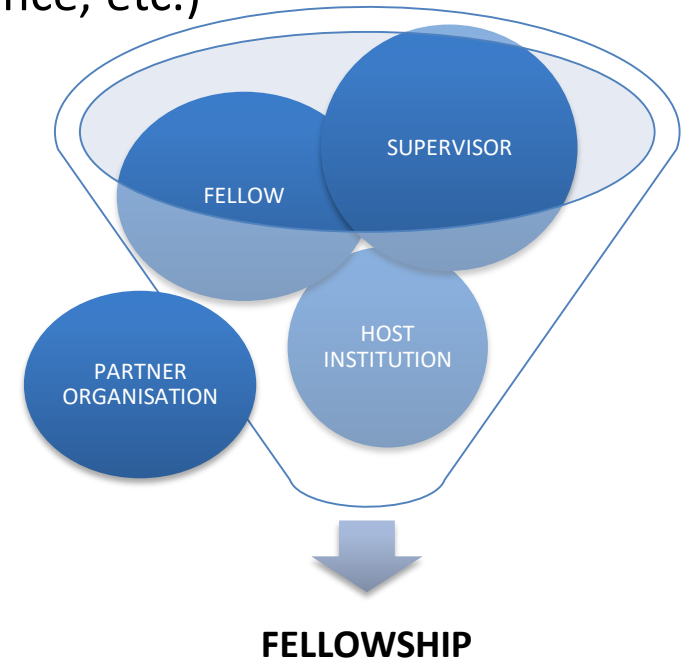
Comply with Mobility rule:

- the applicants **must have not resided or carried out their main activity** (work, studies, etc.) in the country of the host institution (for European PFs) or the host institution for the outgoing phase (for Global PFs) for **more than 12 months in the 36 months** immediately before the call deadline.
- Researchers can be of **any nationality for European PFs**
- **Nationality restrictions apply in case of Global PFs and researchers who wish to reintegrate to Europe:** must be nationals or long term residents in MS or AC (legal and continuous residence within EU/AC of at least 5 consecutive years in Europe, periods of absence shorter than 6 months and do not exceed in total 10 months)

* under discussion

Typical Postdoctoral Fellowship

- **Individual research project:** training-through-research under the direct supervision of the supervisor / key staff of the institution (members of the research group)
- Emphasis on **intersectoral** or **interdisciplinary** projects
- **Two way transfer of knowledge** between researcher and host
- **Hands on training: scientific skills** (new techniques, instruments, etc.) and **transferable skills** (proposal preparation, patent applications, management of IPR, gender issues, Open Science, etc.)
- **Secondments** can take place in MS / AC
- **Dissemination** and **Communication** activities



- is automatically calculated according to the number of months indicated in the administrative part of the application
- based on unit costs (person-months), **100% financing**

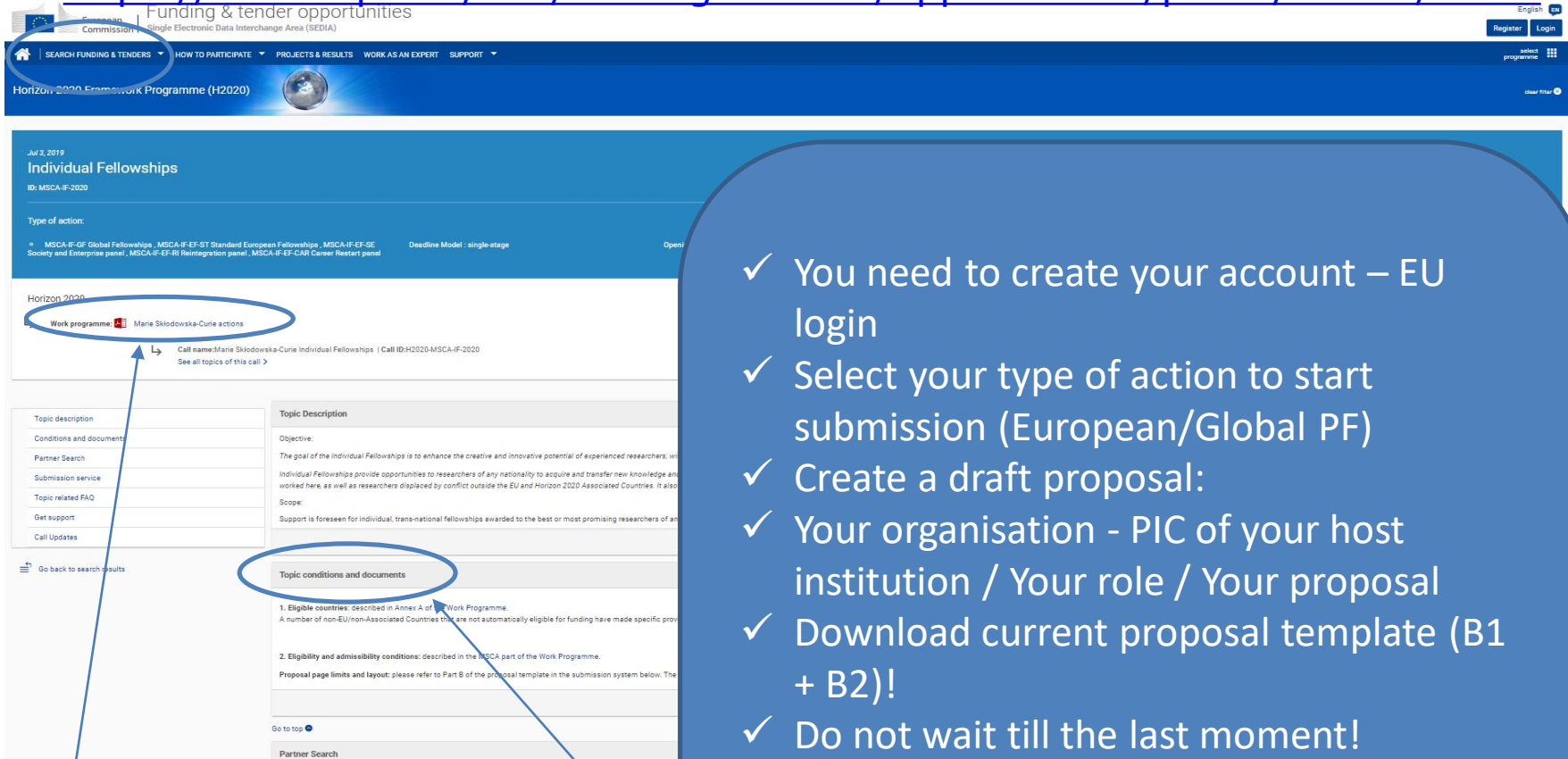
Contributions for the recruited researcher per person-month					Institutional unit contributions per person-month	
Living allowance	Mobility allowance	Family allowance	Long-term leave allowance	Special needs allowance	Research, training and networking contributions	Management and indirect contributions
EUR 5 150*	EUR 600	EUR 660	EUR 5 750 x % covered by the beneficiary	requested unit x (1/number of months)	EUR 1 000	EUR 650

*CCC: country correction coefficient applies

How to prepare and submit a MSCA PF proposal?

Funding & tender opportunities portal

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/home>



The screenshot shows the 'Individual Fellowships' page for the MSCA-IF-2020 call. The 'Work programme' section is circled in blue and contains the text 'Marie Skłodowska-Curie actions'. The 'Topic conditions and documents' section is also circled in blue and contains the following text:

Topic Description

Objective:
The goal of the Individual Fellowships is to enhance the creative and innovative potential of experienced researchers with a proven track record in research and innovation. Individual Fellowships provide opportunities to researchers of any nationality to acquire and transfer new knowledge and worked here, as well as researchers displaced by conflict outside the EU and Horizon 2020 Associated Countries. It also

Scope:
Support is foreseen for individual, trans-national fellowships awarded to the best or most promising researchers of an

Topic conditions and documents

1. **Eligible countries:** described in Annex A of the Work Programme.
A number of non-EU/non-Associated Countries that are not automatically eligible for funding have made specific pro

2. **Eligibility and admissibility conditions:** described in the MSCA part of the Work Programme.
Proposal page limits and layout: please refer to Part B of the proposal template in the submission system below. The

Go to top

Partner Search

Guide for Applicants

- ✓ You need to create your account – EU login
- ✓ Select your type of action to start submission (European/Global PF)
- ✓ Create a draft proposal:
- ✓ Your organisation - PIC of your host institution / Your role / Your proposal
- ✓ Download current proposal template (B1 + B2)!
- ✓ Do not wait till the last moment!
- ✓ Every new submission overwrites the previous one!
- ✓ Do not forget to submit your proposal!

MSCA Work Programme
2021-2022

Proposal structure in Horizon 2020*

Part A (electronically)

General Information about the Proposal incl. Abstract (max. 2 000 characters), Administrative data on participating organisations, Budget, Ethics issues table, Call specific questions

Part B1 (PDF upload)

1. **Excellence**
 2. **Impact**
 3. **Implementation**
- **10 pages total**
 - **No section page limit**
 - **excess pages will automatically be disregarded**
-

Part B2 (PDF upload)

No overall page
limit applied

4. **CV of the experienced researcher** (indicative length: 5 pages)
5. **Capacities of the participating organisations** (1 page for the overview and 1 page for each participating organisation)
6. **Ethical aspects**
7. **Letter of commitment of the partner organisation** (for GF only)

*to be checked when the Call for Postdoctoral Fellowships is open

Award criteria

Three main criteria + subcriteria

Excellence	Impact	Quality and efficiency of the implementation
Clarity and pertinence of the <u>project's research and innovation objectives</u> (and the extent to which they are ambitious, and go beyond the state of the art)	Credibility of the proposed pathways to <u>achieve the expected outcomes and impacts</u> specified in the work programme, and the likely scale and significance of the contributions due to the project	Quality and effectiveness of the <u>work plan, management structures, assessment of risks, and appropriateness of the allocation of tasks and resources</u>
Soundness of the <u>proposed methodology</u> (including <u>interdisciplinary</u> approaches, consideration of <u>gender</u> and diversity aspects if relevant for the research project, and the quality and appropriateness of <u>open science practices</u>)	Suitability and quality of the <u>measures to maximise expected outcomes and impacts</u> , as set out in the <u>dissemination and exploitation plan, including communication activities</u>	Quality of the host institutions and participating organisations' <u>infrastructure, facilities, hosting arrangements and logistics</u>
Quality of the <u>supervision, training and of the two-way transfer of knowledge between the researcher and the host</u>	Quality of the measures to enhance the <u>career perspectives and employability</u> of the researcher and contribution to his/her <u>skills development</u>	
Quality and appropriateness of the <u>researcher's professional experience, competences and skills</u>		
50%	30%	20%
Weighting		

When preparing a proposal...

- **Search for right host and supervisor (perfect match)**
- **Search successful projects and profiles of their applicants** (get inspiration in CORDIS)
- **Read the Call Documents carefully:** Work Programme, Guide for Applicants, Handbook (by NCPs)
- **Language to be used:** Appealing and readable for different evaluator's profiles
- **Use the official template:** Include the information where requested, use visuals
- **Get to know the specific evaluation criteria:** Be aware of all criteria weight, it is not all about Excellence!
- What is not written will not be evaluated
- **Ask for support:** Own institution, NCP, colleagues, funded proposals...
- **Do not leave it for the last minute!** (proposal writing / consultations with the host)

Layout of the proposal

Min. 11 points (Arial, TNR),
Gantt chart and tables (min 8)

Template	Format	Language
Use correct Template	Use charts, diagrams, tables, text boxes, figures	Avoid jargon, long sentences
Use the Template sub-headings (provides good structure)	Use appropriate font size, single line spacing, page margins (min 1,5 cm)	Simple clear text (explain any abbreviations)
Use the full page limit	Ensure any colour diagrams etc. are understandable when printed in black and white	Get rid of repetitions (refer to other parts of proposal if necessary)
Put the proposal acronym in the Header + fellowship type	Use highlighting where appropriate (bold, underline, italics) but don't overdo it!	Be consistent with language (UK/US English) and terms (1st or 3rd person)
Put page numbers (format page X of Y) in the footer	Footnote: only for literature references (font 8), counts towards page limit!	Don't copy text from other documents or websites

What not to miss in your proposal?

- a) the **name** of the researcher
- b) **professional experience** (in **reverse** chronological order, using **exact** dates)
- c) **education** (in reverse chronological order, using **exact** dates)

The CV should also include information on:

- **Publications** in peer-reviewed scientific journals, peer-reviewed conference proceedings and/or monographs of their respective research fields, indicating also the number of citations (excluding self-citations) they have attracted.
- Granted **patent(s)**.
- **Research monographs, chapters** in collective volumes and any translations thereof.
- **Invited presentations** to internationally established conferences and/or international advanced schools.
- **Research expeditions** led by the experienced researcher.
- **Organisation of international conferences** in your field(s) of research, including membership in the steering and/or programme committee.
- Examples of **participation in industrial innovation**.
- **Prizes and Awards**.
- **Funding** received so far.
- **Supervising** and **mentoring** activities.

Proposal writing

Essence of successful MSCA proposals

WHAT ?

Challenge? 1-2 sentences that put your project into context. What is the project about/objectives, what do you want to do?

WHY ?

Expected broader impact? European added value?

HOW ?

Which (novel) methods will be used?

WHO ?

Why are YOU the right person to achieve the proposed objectives? Do not mention only research objectives but also impact on your career.

CONSISTENCY!

Abstract: Exercise 1 (5 min)

Read and answer:

Is it a well-prepared abstract?

Can you find the answers to the following questions?

WHAT ?

WHY ?

HOW ?

WHO ?

Abstract: Exercise 1

WHAT? WHY? HOW? WHO?

Applications of rank-metric codes arise ever more frequently in network communications problems, and yet their mathematical theory is still in its infancy. To date attention has almost exclusively focussed on very special classes of codes and their generalizations.

The covering problem for rank-metric codes is largely unsolved, and is an important combinatorial research topic. For error-free paradigms, codes with low covering radius provide efficient solutions for broadcast problems, and specifically to optimizing content delivery networks for large files distribution. Current approaches to such applications are suboptimal, while known methods to obtaining best possible performance are computationally infeasible. For error-correcting schemes, the covering radius is an important indicator of code performance, as it measures the number of errors that can be corrected in network transmissions.

We propose to develop a mathematical theory of covering codes for the rank metric. We will obtain bounds on the covering radius of an arbitrary rank-metric code, as well as special classes of codes. We will develop the fundamental tools required to pioneer this theory, offering scope for researchers of Algebraic Coding Theory, as well as combinatorial objects useful for Engineering applications. We will also investigate symmetric rank-metric codes, focussing on their distance distributions. These codes have a very rich combinatorial structure.

The combined expertise of the Applied Algebra group at UCD, along with the methods developed by the applicant in his PhD, will propel the project to achieve its objectives. The potential scientific impact is high, given the newness and combinatorial hardness of the topic, its importance for network communications, and exponentially increasing data traffic. The impact for the applicant will be the opportunity to establish this fundamental topic, magnify his scientific profile, and consolidate/expand his professional network.



Abstract: Exercise 1

Project ACCENT: <https://cordis.europa.eu/project/id/740880>

Host institution: UNIVERSITY COLLEGE DUBLIN, NATIONAL UNIVERSITY OF IRELAND, DUBLIN

Start date: 1 May 2018

End date: 30 April 2020

Overall budget: € 175 866

Abstract: Exercise 1

WHAT? WHY? HOW? WHO?

Applications of rank-metric codes arise ever more frequently in network communications problems, and yet their mathematical theory is still in its infancy. To date attention has almost exclusively focused on very special classes of codes and their generalizations.

The covering problem for rank-metric codes is largely unsolved, and is an important combinatorial research topic. For error-free paradigms, codes with low covering radius provide efficient solutions for broadcast problems, and specifically to optimizing content delivery networks for large files distribution. Current approaches to such applications are suboptimal, while known methods to obtaining best possible performance are computationally infeasible. For error-correcting schemes, the covering radius is an important indicator of code performance, as it measures the number of errors that can be corrected in network transmissions.

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Career Development Plan

- should be **jointly established by the supervisor(s) and the researcher**
- In addition to research objectives, it should comprise the **researcher's training and career needs**, including training on transferable skills, teaching, planning for publications and participation in conferences and events aiming at opening science and research to citizens
- will have to be submitted as a project deliverable at the beginning of the action and monitored throughout the project implementation

Dissemination

= Disclosure of the project results to the public

Targeted at peers – scientific or the „wider research and innovation community“, industry and other commercial actors, professional organisations, policymakers

Examples: papers at conferences, publications in journals, open data...

Exploitation = utilisation of the project results in further activities in research, development or standardisation (potential commercialisation, IPR)

Communication

= Process aiming at promoting the action and its results

Targeted at general public

To create awareness among the general public about the project and its results, implications for citizens and society

Done in a way that this can be understood by non-specialists

Examples: press articles, researchers' night, blogs and videos...

Dissemination vs Communication:

Exercise 2 (10 min)

Instructions:

What are Dissemination activities? What are Communication activities?

- Peer-reviewed research article in top journal
- Presentation at international scientific conference
- Popularisation lecture at European Researchers' Night
- Preparation of a video showing experiment to broader public
- Round table for industry stakeholders where you are going to present potential exploitation of your project results
- Visit at secondary school where you discuss Applied Mathematics with students
- Book chapter
- Workshop for PhD students and colleagues at your host institution

Try to think about one original dissemination and one communication activity you would like to plan in your proposal.

Dissemination vs Communication:

Exercise 2

Dissemination

- Peer-reviewed research article in top journal
- Round table for industry stakeholders where you are going to present potential exploitation of your project results
- Book chapter
- Workshop for PhD students and colleagues at your host institution

Communication

- Presentation at international scientific conference
- Popularisation lecture at European Researchers' Night
- Preparation of a video showing experiment to broader public
- Visit at secondary school where you discuss Applied Mathematics with students

Implementation of the project:

Work plan

Work packages (WP) = major subdivision of the proposed project

Work tasks = technical units of the project plan, several under each WP

- important: credibility and feasibility
- Useful: diagrams, schemes to illustrate the work flow

Deliverables

- distinct output of the action (e.g. report, document, technical diagram, software etc.)
- numbering convention: WP number . number of deliverable within the WP (e.g. D1.2)

Milestones

- control point in the action that helps keep track of the progress, e.g. completion of a key deliverable, intermediary points where corrective measures can be taken, a critical decision point for further development etc. (e.g. M2.1)

Work plan: Gantt chart

- one of the most popular and useful ways of showing activities (tasks, events etc.) displayed against time
 - include: work packages + major deliverables + milestones + secondments (if relevant) + progress monitoring (also possible risk management + IPR)
- = what has to be done and when**

Work Package	Title	Year 1												Year 2										
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
WP1	Management						D1.1																	
WP2	Data collection							M2.1									D2.1							
WP3	Field work							M3.1														M3.2	D3.1	
WP4	Research part x																		M4.1, D4.1					
WP5	Research part y																							
WP6	Dissemination and communication						D6.1					D6.2			D6.3							D6.4		
WP7	Secondments																							
...	...																							

Legend

Milestone	M
Deliverable	D

Example of a Gantt chart

Gantt chart: Exercise 3 (10 min)



Instructions:

Find the information in the Gantt chart

- 1) How many research objectives did the fellow set up?
- 2) How will the project be managed?
- 3) When the Personal Career Development Plan will be submitted?
- 4) How long is the fellow going to spend at the secondment institution?
- 5) Did the fellow plan any training activities?
- 6) How will dissemination and communication activities be reported?

Gantt chart: Exercise 3

- 1) **How many research objectives did the fellow set up?**
→ 4 objectives corresponding to 4 Work Packages
- 2) **How will the project be managed?**
→ No information in the Gantt Chart, WP Management
- 3) **When the Personal Career Development Plan will be submitted?**
→ No information in the Gantt Chart, WP Training and Transfer of Knowledge
- 4) **How long is the fellow going to spend at the secondment institution?**
→ 3 months
- 5) **Did the fellow plan any training activities?**
→ No information in the Gantt Chart, WP Training and Transfer of Knowledge
- 6) **How will dissemination and communication activities be reported?**
→ No deliverables related to dissemination and communication,
WP Dissemination and Communication

Responsible Research and Innovation (RRI)

A normative framework for RRI: six Policy Agendas



ETHICS

Ensuring research integrity, and science & society



GENDER EQUALITY

Promoting human resources in research for attaining gender balance



GOVERNANCE

Providing instruments to foster shared responsibility in R&I practices



OPEN ACCESS

Guaranteeing access to scientific knowledge to boost R&I



PUBLIC ENGAGEMENT

Fostering collaborative and multi-actor processes in R&I



SCIENCE EDUCATION

Increasing the knowledge and skills of citizens in order to promote scientific vocations and participation

Charter and Code

European Charter for Researchers

Researchers' career management

Set of general principles and requirements which specifies the roles, responsibilities and entitlements of researchers as well as employers and/or funders of employers

Code of Conduct for the Recruitment of Researchers

Open, transparent, internationally comparable recruitment procedures and appraisal

1 248 organisations have endorsed the Charter & Code principles.

If your host institution has endorsed C&C, include it into the proposal

<https://euraxess.ec.europa.eu/jobs/charter>



Ethical issues

- Human Embryos / Foetuses
- Humans
- Human Cells / Tissues
- Protection of Personal Data
- Animals
- Third Countries
- Environmental Protection and safety
- Dual Use
- Misuse
- Other Ethics Issues

Clearly describe how Ethical issues will be managed

How does the proposal meet national legal and ethical requirements of the host country? Who will oversee the project's ethical aspects (e.g. Institutional ethics committee, Data protection officer etc.)?

Proposals selected for funding will pass an Ethics Review Procedure

Expert in Ethics:

Eva Hillerová (hillerova@tc.cz)

Alternative funding



International Mobility of Researchers „MSCA Individual Fellowships CZ“

Operational Programme John Amos Comenius (OP JAC) 2021 – 2020

Proposals which obtained a high score in the MSCA call but were not funded under that call

Support for arrivals to the Czech Republic and departures from the Czech Republic

In 2021 no OP RDE (OP VVV) MSCA – IF call

first OP JAC MSCA – PF call will be open also for proposals from MSCA – IF Horizon calls from previous years

Brain Circulation Grants

In order to promote fellowships in the countries with low participation =
Widening Countries, e.g. Czech Republic

In Horizon 2020 so-called Widening Fellowships

When submitting your proposal to the Postdoctoral Fellowships Call, you can
opt in for this type of grant, the evaluation is based on the evaluation of MSCA
PF

The host institution must be located in one of the widening countries

3. Financial and management aspects

Budget categories

Type of action	Contributions for the recruited researcher per person-month					Institutional unit contributions per person-month	
	Living allowance	Mobility allowance	Family allowance	Long-term leave allowance	Special needs allowance	Research, training and networking contributions	Management and indirect contributions
Doctoral Networks	EUR 3 450	EUR 600	EUR 660	EUR 4 050 x % covered by the beneficiary	requested unit x (1/number of months)	EUR 1 600	EUR 1 200
Postdoctoral Fellowships	EUR 5 150	EUR 600	EUR 660	EUR 5 750 x % covered by the beneficiary		EUR 1 000	EUR 650
Staff Exchanges	Top-up allowance					EUR 1 300	EUR 1 000
	EUR 2 300						
MSCA COFUND	Contributions for recruited researchers and institutional contributions per person-month						
	COFUND allowance			Long-term leave allowance		Special needs allowance	
	Doctoral programmes		EUR 2 835	EUR 2 835 x % covered by the beneficiary		requested unit x (1/number of months)	
Postdoctoral programmes		EUR 4 025	EUR 4 025 x % covered by the beneficiary				

Budget categories: Contributions for the recruited researcher

Living allowance

gross EU contribution before taxes and with full social security coverage (including sickness, parental, unemployment and invalidity benefits, pension rights, benefits in respect of accidents at work and occupational diseases)

CCC: country correction coefficient applies (host country)

Mobility allowance

covers researcher's private costs, not professional costs under the action, which are covered by the research, training and networking contributions

Family allowance

if persons linked to the researcher by (i) marriage, or (ii) a relationship with equivalent status to a marriage recognised by the legislation of the country or region where this relationship was formalised; or (iii) dependent children who are actually being maintained by the researcher

Top-up allowance – only for MSCA Staff Exchanges

covers travel, accommodation and subsistence costs related to the secondment

Budget categories: Contributions for the recruited researcher

Long-term leave allowance

contributes to the beneficiary's pay obligations related to researchers' leave, including maternity, paternity, parental, sick or special leave, longer than 30 consecutive days

Special needs allowance

additional costs of staff members with disabilities (long-term physical, mental, intellectual or sensory impairments), their participation in the action may not be possible without the acquisition of special needs items or services

Budget categories: Institutional unit contributions

Research, training and networking costs

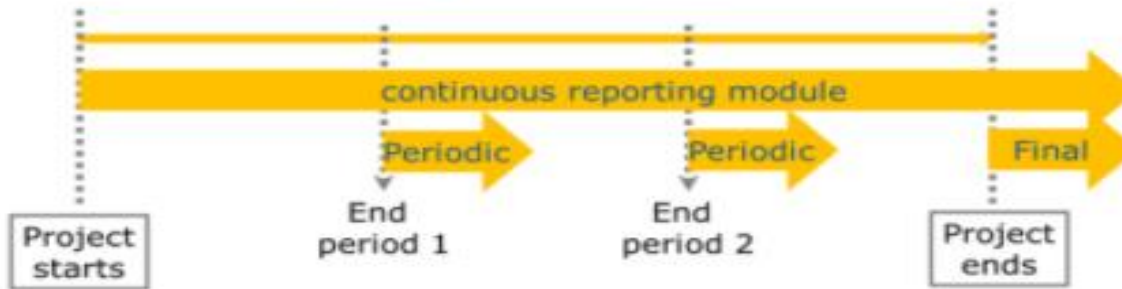
costs for training and networking *activities that contribute directly to the researchers' career development* (e.g. participation in conferences, trips related to work on the action, training, language courses, seminars, lab material, books, library records, publication costs), *research expenses, visa-related fees and travel expenses, additional costs arising from optional secondments* (e.g. travel and accommodation costs).

Management and indirect costs

cover the beneficiary's additional costs in connection with the action

How to manage your project?

- *Continuous reporting module*
- *Periodic reporting module*



Continuous reporting

activated at the time the project starts and continuously open to submit deliverables, to report on progress in achieving milestones, ethics issues, publications, communications activities, and so on

Periodic reporting

following the end of each reporting period, complete on-line Financial Statement and upload the narrative, free text part of the periodic technical report

How to manage your project?

Continuous reporting:

- Submitting **Deliverables** and specifying whether **Milestones** were achieved

Keeping records

- Adequate, up-to-date **records** of your project should be kept, this shows the EU that the project is being properly rolled out, and proves that funding is being spent in accordance with the rules
- You must submit **technical and financial reports**

Specifically, these include:

- **periodic reports** within 60 days of the end of each project reporting period and
- a **final report** within 60 days of the end of the last reporting period, this should include a summary for publication

Management aspects

Acknowledgement of EU funding

- All **communication and dissemination activities** – as well as any **equipment and infrastructure** (such as a new building) – **must display references to EU funding and carry the EU emblem**, for example, on a piece of equipment or on any promotional material of your training network

Management aspects

You will be in close communication with your **Project Officer (PO)** within the whole project duration

Checks, audits, reviews and investigations

- The EU might carry out a number of checks, audits and reviews, both during the project and after it is completed
- **check** the project is being properly run and in compliance with the grant agreement, i.e. checking documentation, assessing whether work plans are being followed, and searching for double-funding and even plagiarism
- **carry out reviews** into project management, including assessing deliverables and reports
- **conduct investigations** in case fraud is suspected
- **launch audits** of your MSCA project during its lifetime or up to two years after the final payment

Horizon 2020

<http://ec.europa.eu/horizon2020>

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/home>

http://cordis.europa.eu/projects/home_en.html (CORDIS - funded projects)

National H2020 Portal and Czech ERA Portal

www.h2020.cz (TC CAS) – Vademecum H2020: MSCA

www.evropskyvyzkum.cz

Presentations from National Information Day, 11 March <https://www.h2020.cz/cs/vynikajici-veda/akce-marie-curie-sklodowske/akce/narodni-informacni-den-k-msca-msca-national-information-day-4>

Presentations from Information Day on MSCA IF <https://www.h2020.cz/cs/vynikajici-veda/akce-marie-curie-sklodowske/informace/novinky/information-day-on-msca-individual-fellowships>

Marie Skłodowska-Curie Actions

<http://ec.europa.eu/research/mariecurieactions>

<http://ec.europa.eu/research/rea> (Research Executive Agency)

Net4Mobility+: <https://www.net4mobilityplus.eu/>

EURAXESS (job offers and research stay opportunities): <http://ec.europa.eu/euraxess>

Responsible Research and Innovation: <http://www.rri-tools.eu>

Country factsheet (Czech Republic): https://ec.europa.eu/research/mariecurieactions/resources/document-libraries/h2020-marie-sklodowska-curie-actions-msca-country-factsheet-czechrepublic_en

Brochure on Ethics (in Czech) https://www.h2020.cz/files/horizont-letak-etika_1.pdf

Thank you for your attention 😊

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Sources: European Commission, Research Executive Agency, Net4Mobility+

DISCLAIMER: The information regarding the MSCA in Horizon Europe is pending the adoption of the Work Programme and approval of the MFF for 2021-2027.