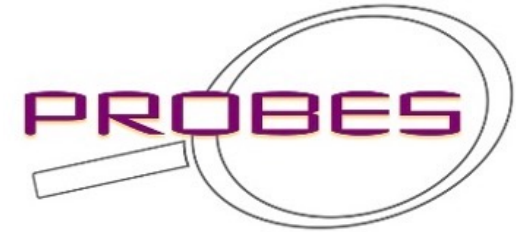




European Commission



# PROBES

H2020-MSCA-RISE-2020 – Grant Agreement N° 101003460

## Kick-Off Meeting

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Simone Donati

Pisa, March 21, 2022



# Trilateral EU-US-ASIA collaboration



INFN, UNIFI  
EGO, *Caen*



TU-Dresden,  
Karlsruhe-IT



Georgian Technical  
University



CNRS, CEA  
*Clever Operation*



Universitaet Bern  
CERN, PSI



FNAL, JLAB, MIT  
CALTECH, LBNL



University of Tokyo  
KEK



IFAE



Imperial College  
University of Glasgow



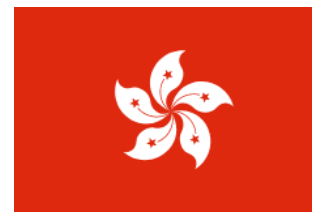
NIKHEF



Astrocent



IHEP



University of  
Hong Kong

# General overview on RISE

## MSCA:

- provide skills and international experience for successful careers
- attractive working conditions
- opportunity to move between academia and industry

RISE: EU & non-EU, academic & non-academic sectors (in particular SMEs)

- ✓ H2020 EU Research and Innovation program
  - Excellent Science
  - Marie Skłodowska Curie Actions
  - RISE (Research and Innovation Staff Exchange) 2020
- ✓ RISE research projects implemented through “secondments” (Intersectoral within Europe, No constraints outside Europe), to develop knowledge sharing and long-term collaborations
- ✓ Funds depend ONLY on the number of planned secondments
- ✓ PROBES – about 100 people from:
  - 16 EU research institutes (INFN, UNIFI, CERN, UBERN, PSI, IMPERIAL, CNRS, GTU, TUD, UGLS, CEA, EGO, IFAE, ASTROCENT, NIKHEF, KIT)
  - 2 EU industries (CAEN, Clever)
  - 5 US hosting institution (FNAL, JLAB, CALTECH, MIT, LBNL)
  - 4 ASIA hosting institution (TOKYO, KEK, IHEP, HKU)
- ✓ Timeline: **March-1-2022** ➡ **February-28-2026**

# RISE Financing

EU Research Executive Agency (REA) gives 4600 Euro for each **planned**, **implemented** and **eligible** secondment (30 days long) divided as follows:

Marie Skłodowska-Curie Action	Staff member unit cost [per person-month of secondment] [EUR]	Institutional unit cost [per person-month of secondment]	
		Research, training and networking costs [EUR]	Management and indirect costs [EUR]
RISE	2,100	1,800	700

This amount **MUST** be used to pay expenses related to the secondment  
It corresponds to ~ 70 Euro / day (instalments, reimburse travel and subsistence costs, a mix of both)

Meetings, training, dissemination...

If needed, it might be used to integrate 'Staff member unit cost'

*Management and indirect costs cover all general costs connected with the organisation and implementation of the secondments (administrative and financial management, logistics, ethics, human resources, legal advice, documentation, etc.).*

# Eligible secondments

Eligible staff seconded under RISE are:

- Early-stage researchers (ESR);
- Experienced researchers (ER);
- Administrative (ADM)<sup>4</sup>, managerial (MNG) and technical staff (TECH) supporting the research and innovation activities of the project.

## Guidelines:

- Seconded personnel must have had an employment contract, or a legal link or engagement with the home institution for at least 1 months (FTE) before the Secondment may begin. INFN "Associazione/Incarico di Ricerca" is OK. This was checked with the European Commission, similar cases have to be checked. **No retired people.**
- Contract variation does not suspend eligibility
- A substantial time interval between two contracts requires additional 1 month FTE for eligibility

**Please, contact me in case of any doubt... better to find an agreement with the PO rather than secondments not paid**

# PROBES Financing

Partner number	Partner short name	Country	Number of secondments funded by EU	Researcher Months funded by EU Period 1	Researcher Months funded by EU Period 2	Researcher Months funded by EU Overall
1	INFN	Italy	58	79.00	117.00	196.00
2	CAEN	Italy	3	2.00	4.00	6.00
3	CERN	Switzerland	4	9.00	7.00	16.00
4	CLEVER	France	4	6.00	0.00	6.00
5	UBERN	Switzerland	4	2.00	6.00	8.00
6	PSI	Switzerland	5	9.00	3.00	12.00
7	IMPERIAL	United Kingdom	5	14.00	4.00	18.00
8	CNRS	France	19	28.00	18.00	46.00
9	GTU	Georgia	5	20.00	4.00	24.00
10	TUD	Germany	4	7.00	1.00	8.00
11	UGLS	United Kingdom	8	10.00	6.00	16.00
12	CEA	France	4	9.00	3.00	12.00
13	UNIFI	Italy	16	19.00	6.00	25.00
14	EGO	Italy	9	11.00	9.00	20.00
15	IFAE	Spain	6	12.00	0.00	12.00
16	ASTROCENT	Poland	4	4.00	3.00	7.00
17	NIKHEF	Netherlands	5	5.00	5.00	10.00
18	KIT	Germany	6	5.00	5.00	10.00
TOTAL			169	251.00	201.00	452.00

Total of 452 person-month secondments. This limit cannot be exceeded

Pre-financing payment: 65% of the total budget

(out of which 5% retained by REA as guarantee fund)

Executed by EU within February, 2022

# Requirements

By signing the Grant Agreement (GA), we committed to:

- ✓ **SECONDMENTS** Detailed table for the whole 4-years period in the GA  
**Variations must be agreed with PO**
- ✓ **TRAINING** Specific training sessions during GM + see next slide
- ✓ **DISSEMINATION** Results presented to the scientific community  
**All PROBES related papers open access (arXiv is enough)**  
**Acknowledgements to PROBES *must* be included**
- ✓ **OUTREACH** Some activities already planned in the GA
- ✓ **MEETINGS** One per year (General Meetings)
- ✓ **WEB SITE** <http://riseprobes.df.unipi.it/>
- ✓ **MIDTERM REVIEW** (September 2023), **ANNUAL REPORTS TO EU**

# Trainings

Training is a fundamental aspect of H2020: one of the main goals is Improving individual skills for research and industry personnel

Secondments are considered as training of personnel. Take this into account when research declarations is drafted

We have planned training courses on activities connected with PROBES during our General Meetings, we have to organize them

This is not enough: we have to participate also in some extra training activities. This will be a relevant criteria for the evaluation of the project at the 'Midterm Review' (i.e. the project financing), foreseen in December 2023

We should take advantage as much as possible of all possible opportunities:

- ❖ Training courses from home institutions
- ❖ Training courses @FNAL, JLAB, Japan (software tools, management...)
- ❖ Webinars
- ❖ Synergies with other EU projects? (for example NEWS, INTENSE)



# Project Implementation

PROBES activities organized in 9 Work Packages (WP):

WP Number <sup>9</sup>	WP Title	Lead beneficiary <sup>10</sup>	Start month <sup>12</sup>	End month <sup>13</sup>
WP1	Hadron Physics: Detectors	1 - INFN	1	48
WP2	Hadron Physics: Data Analysis	11 - UGLS	1	48
WP3	LFV Experiments: Detectors	7 - IMPERIAL	1	48
WP4	LFV Experiments: Data Analysis	6 - PSI	1	48
WP5	Gravitational Waves: Detectors	14 - EGO	1	48
WP6	Multi-Messenger Physics	8 - CNRS	1	48
WP7	Dissemination and Outreach	15 - IFAE	1	48
WP8	Transfer of Knowledge	3 - CERN	1	48
WP9	Management	1 - INFN	1	48
WP10	Ethics requirements	1 - INFN	1	48

# Project Management

Two boards to run the project, to be implemented by April 2022

**MANAGEMENT BOARD** (meets each 3 months + when needed)

- Administrative aspects of the project
- One member for each Beneficiary main department + the coordinator (chair)

**SCIENTIFIC BOARD** (meets each 3 months + when needed)

- Coordination of the network activities
- Composed of the WP coordinators

# MB duties (from Grant Agreement)

- ❖ MB meets every three months. Extra meetings if requested by SB
- ❖ First MB meeting: appoint WP conveners
- ❖ Responsible of administrative activities
- ❖ Provides the means to operate the project efficiently
- ❖ It is responsible, in close contact with the SB for:
  - Revision and authorization of secondments
  - Organization of General Meetings
  - Monitoring progress towards deliverable completion
  - Approve periodic reports and the final project report
  - Decide on budget re-allocation, in necessary
- ❖ Guarantees maximization of knowledge sharing among participants

# SB duties (from Grant Agreement)

- ❖ SB meets every three months. Extra meetings if requested
- ❖ SB is composed of the WP co-Leaders
- ❖ First MB meeting (today): appoint WP co-Leaders
- ❖ It is responsible of
  - Monitoring the progress of the planned tasks
  - Planning Secondments
  - Organizing, supervising and monitoring researchers' trainings
  - Promoting dissemination
  - Coordinating outreach, organizing activities for the general public

# WP co-Leaders ( = Scientific Board)

WP #	WP Name	Lead Beneficiary	Co-Leader	
1	Hadron Physics: Detectors	INFN		
2	Hadron Physics: Data Analysis	UGLS		
3	LFV experiments: Detectors	IMPC		
4	LFV experiments: Data Analysis	PSI		
5	Gravitational Waves: Detectors	EGO		
6	Multi-messenger Physics	CNRS		
7	Dissemination and Outreach	IFAE		
8	Transfer of Knowledge	CERN		
9	Management	INFN	S. Donati (INFN)	

Scientific Board Chair: Simone Donati (INFN)

# Planned secondments

Our original Secondments plan was written in the Proposal in May 2020

We recently updated it with the Grant Agreement Preparation, but of course, it was impossible to make accurate plans for the next 4 years

We can and we will update our plans, but this will have to be approved by the Management Board and the Project Officer

In the next few weeks we have to check our Secondments plan at least for the next 6 months

# Rules for managing secondments (I)

We have to setup clear rules to avoid audit problems and too much bureaucracy

- ❖ The secondment will be notified to the Management Board as soon as possible to be able to monitor the progress
- ❖ In coincidence with each secondment, the host institution will release a signed form to the researcher with arrival and departure dates, that must be returned to the sending institution
- ❖ "Each time a new Secondment takes place, the sending Beneficiary has to submit the respective Researcher Declaration within 20 days from the beginning of the Secondment"
- ❖ It is extremely important to encode all the Researchers Declarations and split stays before the submission of the Periodic Report, as it will not be possible to include Researcher Declaration for that stay after the report has been submitted
- ❖ A contribution of at least € 2100 is mandatory for each 30-day secondment. Secondments can be split in several trips/stays. A possible way to accomplish this is to use a daily allowance charged to PROBES funds
- ❖ Keep records of secondment expenses (travel tickets, accommodation...)

# Rules for managing secondments (II)

Example of signed form released by the host Institution (PROBES contact person) to the researcher, with arrival and departure dates, that must be returned to the sending institution

Fermilab  
Emanuela Barzi

**Fermilab**

**Emanuela**

**Barzi**

**630 840 3446**

**630 840 3369(fax)**

**barzi@fnal.gov**

**Fermilab, Mar 25, 2022**

**To whom it may concern,**

**Object: PROBES Secondment of Simone Donati at Fermilab**

**This is to certify that Simone Donati from UNIPI has visited Fermilab from Date X to Date Y in order to participate in the activities connected to WP “N” in relation to the H2020 Grant Agreement n. 101003460 “PROBES”. He worked full time on PROBES.**

**Sincerely,**

**Emanuela Barzi**



# Rules for managing secondments (III)

Example of scientific report written by the researcher and returned to the sending institution for each Secondment (or fraction of Secondment. i.e. for each trip to the Hosting Institution)

**101003460-PROBES-MSCA-RISE-2020**

**Simone Donati, University of Pisa**

**Report on the Secondment at Fermilab: Tuesday, January 1, 2023 – Tuesday, January 15, 2023**

## **Text of the Report**

**Tuesday, January 15, 2023**

**(Simone Donati)**

# Acknowledgements

Proposed phrasing:

This work was supported by the EU Horizon 2020 Research and Innovation Programme under the Marie Skłodowska-Curie Grant Agreement No. 101003460.

Any other suggestion?

Official request to MicroBoone, ICARUS, SBND, Mu2e, Meg-II, Comet, CLAS, Virgo-Ligo-Kagra Collaborations to include it in the acknowledgements of papers with PROBES people involved

# Next meetings

- ❖ First PROBES Scientific Board meeting: June 2022
- ❖ Next PROBES Management Board meeting: June 2022
  
- ❖ First PROBES General Meeting
  - To be hosted at INFN - Pisa
  - General Meeting within March 2023