Agenda EURATOM 14.30-16.00

	Apertura sessione
14.30	Introduzione
	Marco Ferraro, APRE
14.35	Le novità del Work Programme Euratom 23-25: La struttura, il contesto e le politiche
	Domenico Rossetti di Valdalbero, Commissione europea, Capo unità DG Ricerca e Innovazione
15.05	Le novità dei Work Programme Fission e Fusion
	Francesco Romanelli, Università degli Studi di Roma "Tor Vergata" Rappresentante Nazionale nel comitato di Programma Horizon Europe Fusion Marco Ripani, INFN Rappresentante Nazionale nel comitato di Programma Horizon Europe Fission
15.35	Le opportunità EURATOM nel programma Marie Sklodowska-Curie Actions
	Marco Ferraro, APRE
15. 45	Sessione di domande
16.00	Chiusura sessione

APRE
Agenzia per la Promozione della Ricerca Europea

Le opportunità Euratom nel programma Marie Sklodowska-Curie Actions

MARCO FERRARO

TEAM TEMATICO ERC, MSCA E EURATOM IN HORIZON EUROPE

INFO DAY EURATOM

23.01.2023

Euratom funding for the MSCA-PF call

A novelty under Horizon Europe is that MSCA-PF proposals in the following Euratom domains of research will be eligible for funding:

- **Improve and support nuclear safety**, security, safeguards, radiation protection, safe spent fuel and radioactive waste management and decommissioning, including the safe and secure use of nuclear power and of non-power applications of ionizing radiation.
- **Maintain and further develop expertise and competence in the nuclear field** within the Community.
- **Foster the development of fusion energy as a potential future energy source** for electricity production and contribute to the implementation of the European fusion roadmap.
- **Support the policy of the Union and its Member States** on continuous improvement of nuclear safety, safeguards and security

Euratom funding for the MSCA-PF call

Eligibility rules:

- The researcher must be a national or long-term resident of an EU Member State or Euratom Associated Country (https://bit.ly/3W8mMWA).

- The beneficiary must be based in an EU Member State or Euratom Associated Country.

SECTION 5 ADMINISTRATIVE FORMS

Application forms

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Proposal ID **SEP-210765891**

Acronym **test**

5 - Other questions

Information on the Researcher (future fellow)

1. Were you in the last 3 years in compulsory national service? ○ Yes ○ No

2. Did you spend time, in the last 3 years, on procedures for obtaining refugee status (according to the 1951 Geneva Refugee Convention and the 1967 Protocol) in a Member State or Associated Country to Horizon Europe? ○ Yes ○ No

3. Are you a national of a Member State or Associated Country? ○ Yes ○ No

Country [ ]

Other Questions

4. Is there a secondment envisaged in Part B of this proposal? ○ Yes ○ No

The following are not considered as secondments:
- outgoing phase of a Global Fellowship
- optional six-months placement in the non-academic sector
- short visits or field work

5. Is the proposal eligible for funding under the Euratom Research and Training Programme (ERTP)? ○ Yes ○ No
Please see the Guide for Applicants for this call and https://ec.europa.eu/info/research-and-innovation/funding/funding-opportunities/funding-programmes-and-open-calls/horizon-

Applications, fellowships and budget – MSCA PF 2021

a total of 8 356 MSCA applications
a total of 1 025 MSCA European fellowships

of these, 5 fellowships awarded to nuclear researchers:
2 in ENG, 2 in PHY, 1 in ENV

Total cost of nuclear research fellowships: EUR 863 224
(from a budget of EUR 1 million in the 2021-2022 WP)

ENG

MeNaWir

Mechanics of nanoporous tungsten under irradiation

The effect of radiation damage through a multiscale computational framework. Findings could be applied to the extreme conditions inside fusion reactors.

European Commission

ENG

FiRe2C

Full-field experimental and numerical investigation of novel fire resistant fibre reinforced concrete for tunnel lining.

While of interest to confined areas in general, of particular interest to spent fuel pools, storage and radioactive waste management facilities.

European Commission

PHY

HLPA

High-quality Laser-driven Proton beams for multidisciplinary Applications

Tailoring the spatial and spectral profile of a proton beam at the source. Application of high-quality proton beams include therapeutic applications.

European Commission

PHY

FICOP

Optimization of fast-ion confinement against edge instabilities for future fusion reactors

Help assess whether edge instabilities can pose an additional constraint to the operational of a tokamak. Also contributes to benchmarking state-of-the-art codes used to make projections for future machines.

European Commission

ENV

MicroBent

Microbial activity at the Bentonite barrier in a deep geological nuclear waste repository

Role of indigenous microorganisms in the safe disposal of nuclear waste. To ensure safety of the deep geological repository of nuclear waste with other biotech uses like bioremediation of contaminated sites.

European Commission

Commission's plans

In future, the Commission will:

- Continue with the same level of support for nuclear MSCAs (1 million euros Euratom budget again in the next MSCA WP)
- Make these actions better known with nuclear researchers
- See how to build on the success of this first call

Competence Team EURATOM

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