

FUNFI4

4TH INTERNATIONAL CONFERENCE ON FUSION-FISSION SUB-CRITICAL SYSTEMS FOR WASTE MANAGEMENT AND SAFETY



**National Research
Nuclear University
MEPhI**

**25 - 27
NOVEMBER 2020**

NRNU MEPhI
Kashirskoe shosse 31,
Moscow, 115409, Russia

FUNFI4 is the fourth edition of an international conference dedicated to the physics, technology and engineering of machines where fusion reactions drive a fission blanket. Such Hybrid devices are intended for energy generation, fissile fuel production and nuclear waste transmutation. FUNFI4 is organized by NRNU MEPhI, INFN (Italian National Institute for Nuclear Physics), CNR (National Research Council) and ENEA (Italian National Agency for New Technologies, Energy and Sustainable Economic Development).

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ROSATOM



The main aim of the conference is to identify the proposals/projects with a high degree of reliability to make the technology available.

Contributions concerning the following arguments are expected:

- 1) Mission and priorities of Demonstrators;
- 2) Device comparison: Tokamak or mirror based systems, stellarators and other configurations; level of readiness of the technologies and R&D essential programme.
- 3) Pilot experiments for FH demonstration, in particular in the field of gas dynamic traps and alternative magnetic configurations.

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IMPORTANT DATES

Submission of abstract until	September	1, 2020
Notification to authors by	September	15, 2020
Poster presentations until	September	10, 2020
Deadline for registration	October	30, 2020
Deadline for written papers	December	31, 2020

