

# ChETEC COST Action CA 16117 Training School

## "An experiment of Nuclear Physics for Astrophysics using direct methods"

### 1<sup>st</sup> Circular

[IFIN-HH](#) of Bucharest-Magurele, Romania, will host a [ChETEC](#) training school in nuclear astrophysics of 11 days duration - from **10<sup>th</sup> to 21<sup>st</sup> of April 2018**, consisting in classes and hands-on activities:

1. In a target laboratory.
2. Performing an experiment at the [3 MV Tandetron™](#) (7 days around the clock).
3. Gamma-ray measurements at the 9 MV tandem and the [ROSPHERE](#) array.
4. De-activation measurements in a low background underground laboratory "[microBequerel](#)" in the Slanic-Prahova salt mine.



*3 MV Tandetron™ @ IFIN-HH, Magurele-Bucharest*

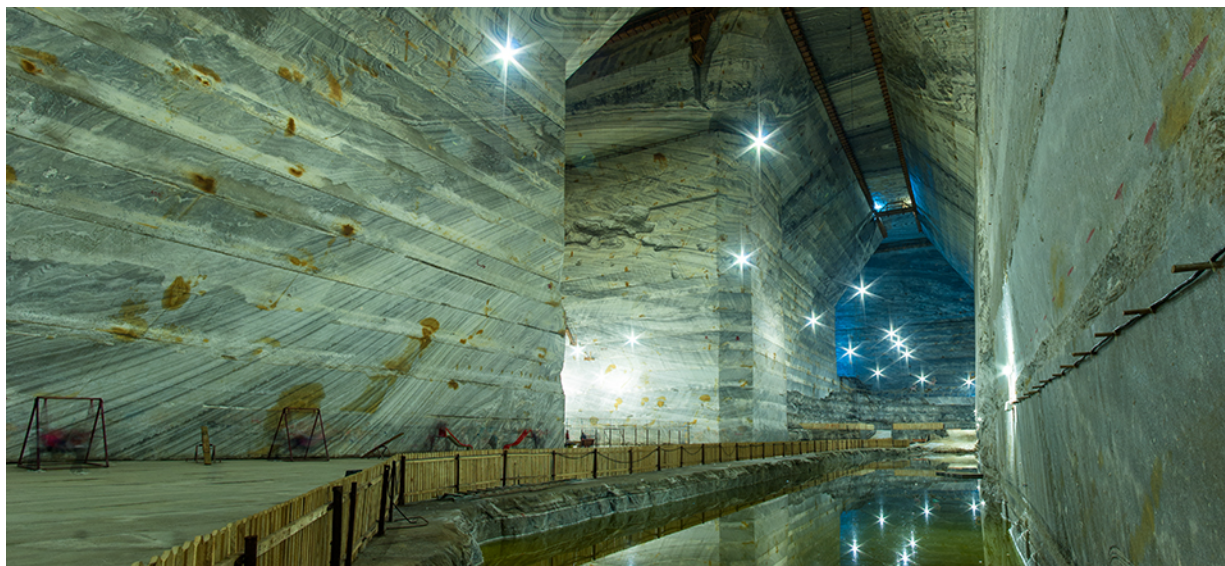
Local and invited trainers will lead the participants during the school that will cover most types of activities a physicist engaged in nuclear physics for astrophysics will have to go through, in particular those engaged in direct measurements for nuclear astrophysics.

The trainees:

- a. will attend introductory classes
- b. will run the experiment round the clock
- c. will make the experimental arrangement
- d. will collect data
- e. will analyze on/offline data (prompt and de-activation gamma-rays).

Selection of the candidates will be done in two steps:

- 1) Registration on this [site](#), providing data on affiliation and a letter of recommendation from an advisor. Registration deadline is **20<sup>th</sup> of January 2018**.
- 2) After a selection by organizers/hosts, the proposed candidacies are submitted to ChETEC for final approval and financing.



*"Unirea" Salt Mine in Slănic Prahova*

***PLEASE SAVE THE DATE!***

***Organized by:***

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within the framework of the **COST Action ChETEC (CA 16117)**

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<http://www.nipne.ro/indico/conferenceDisplay.py?ovw=True&confId=354>

<http://www.chetec.eu/activities/training-schools/training-schools-an-experiment-of-nuclear-physics-for-astrophysics-using-direct-methods>